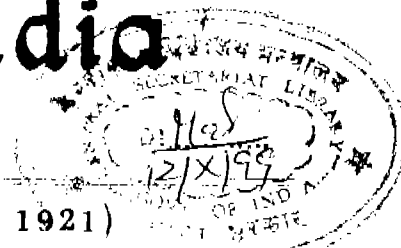




भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



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No. 33] NEW DELHI, SATURDAY, AUGUST 14, 1999 (SRAVANA 23, 1921)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 14th August 1999

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Pondicherry and the Union
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and Aminidivi Islands.

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Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

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पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 14 अगस्त 1999

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जैन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टाईपी इस्टेट,
तीसरा तल, लोअर परले (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वसन तथा दीव एवं
दावर और नगर द्वीप ।

तार पता-“पेटेंटिफिक”

फोन 4825092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र बंजीगढ़ ।

तार पता - “पेटेंटिफिक”

फोन : 5782532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन, बसन्त नगर,
चन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिन्निकाय
तथा एमिनिदिमि वरीण ।

तार पता-“पेटेंटिफिक”

फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, तृतीय वृहत्तीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का कवकोष क्षेत्र ।

तार पता - “पेटेंट्स”

फोन : 2474401 फैक्स : 033-2473851

पेटेंट कार्यालय का कलकत्ता स्थित प्रधान कार्यालय पेटेंट
सहयोग संधि के अधीन अन्तरराष्ट्रीय आवेदनों के लिए रिसीमींग
कार्यालय, इलेक्ट्रेड कार्यालय व डीसग्रेटेड कार्यालय है ।

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित
सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
फीस पेटेंट कार्यालय को केवल समुचित कार्यालय में ही प्रेषण
किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
जहां उपयुक्त कार्यालय अवस्थित है उस स्थान के अनुसूचित बैंक
से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की
जा सकती है ।

CORRIGENDUM

In the Gazette of India, Part III, section 2 dated 01-03-1997
on Page 424 of 1977 under heading “Corrigendum” in the
second line for “worked in India on a commercial scale in
want of licences” read “worked in India on a commercial
scale in want of licensee”.

APPLICATIONS FOR PATENTS FILED AT THE PATENT
OFFICE BRANCH, WING C (C-4 'A'), IIIRD FLOOR,
RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090.

5th October, 1998

2208/Mas/98. (1) Lakshminarayan Jaiprakash Jayenn (2)
Naveen Jaiprakash (3) Sushil Jaiprakash Im-
provements in or relating to the computer key-
board of the 'QWERTY' keyboard.

2209/Mas/98. Texas Instruments India Limited. Bond pad
polling circuit.

2210/Mas/98.. N. Krishna Mohan. Mega claender.

2211/Mas/98. T. Sunil Raj. Vending-machine with auto-
matic photo delivery of the beverage consumer on
the container or its attachment (Crown or Cap).

2212/Mas/98. Texas Instruments India Limited. Tempera-
ture compensating compact voltage regulator for
integrated circuit device.

2213/Mas/98. Texas Instruments India Limited. High-speed
output buffer with level shifting circuit.

2214/Mas/98. K. B. Joy. An eco-friendly bio-manure pro-
ducing system.

2215/Mas/98. Societe Des Produits Nestle S.A., Reconsti-
tutable rice grains.

2216/Mas/98. Kimberly-Clark Worldwide Inc. Layered ab-
sorbent structure with a heterogeneous layer re-
gion. (October 8, 1997; U.S.A.).

2217/Mas/98. Kimberly-Clark Worldwide Inc. Layered ab-
sorbent structure with a zoned basis weight and a
heterogeneous layer region. (October 8, 1997;
U.S.A.).

2218/Mas/98. Hoogovens Aluminium Walzprodukte GMBH,
Aluminium-magnesium weld filler alloy.

- 2219/Mas/98. Kimberly-Clark Limited. Sheet material dispenser. (October 10, 1997; U.S.A.).
- 2220/Mas/98. George J. Coates. A spherical rotary intake valve for use in rotary valve internal combustion engines.
- 2221/Mas/98. George J. Coates. A spherical rotary exhaust valve for use in rotary valve internal combustion engines.
- 2222/Mas/98. Robert Bosch GMBH. Method for producing fuel being under high pressure and system for high pressure fuel production.
- 2223/Mas/98. BASF Aktiengesellschaft. Compositions for treating rheumatoid arthritis. (October 6, 1997; U.S.A.).

6th October, 1998

- 2224/Mas/98. Udaya Shankar Venuthurumilli. Wind-cooler.
- 2225/Mas/98. Udaya Shankar Venuthurumilli. Rotary air-coller.
- 2226/Mas/98. Akzo Nobel N.V. Treatment to improve the durability and selectivity of a hydro-dechlorination catalyst and catalyst. (February 12, 1998; U.S.A.).
- 2227/Mas/98. Henkel Corporation. Process for making polycarboxylic acids.
- 2228/Mas/98. Cosma International Inc. Wrinklefree hydro-forming of angled parts.
- 2229/Mas/98. Akzo Nobel N.V. Treatment to improve the durability of a hydrodechlorination catalyst and catalyst.
- 2230/Mas/98. Ejvind Jersic Pedersen. Mouth hygienic composition for the treatment of halitosis. (October 7, 1997; Denmark).
- 2231/Mas/98. Henkel Corporation. Process for removing polysorbitols from sorbitan esters. (October 7, 1997; U.S.A.).
- 2232/Mas/98. Schering Corporation. Crystalline antifungal polymorph. (October 7, 1997; United States of America).

7th October, 1998

- 2233/Mas/98. Jaakko Poyry Oy. Process for recovering alkali and energy from black liquor containing silicate. (October 13, 1997; Finland).
- 2234/Mas/98. Joda Enterprises, Inc. Ratchet wrench. (October 8, 1997; U.S.A.).
- 2235/Mas/98. The Speywood Laboratory Limited, and Microbiological Research Authority. Conjugates of galactose-binding lactins and clostridial neurotoxins as analgesics. (October 8, 1997; United Kingdom).
- 2236/Mas/98. Hoechst Schering AgrEvo GmbH. Combinatorial preparation of phosphorus-containing active compounds and intermediates by solid phase synthesis. (October 9, 1997; U.S.A.).
- 2237/Mas/98. Maschinenfabrik Rieter AG. Spin draw winder (October 8, 1997; Switzerland).
- 2238/Mas/98. Tintoria Rifinizione Nuove Idee S P A. Tre-selling machine comprising a system for adjusting the path of the fabric that is being processed. (October 8, 1997; Italy).
- 2239/Mas/98. DSM N.V. Process for the preparation of malamine. (October 15, 1997; U.S.A.).
- 2240/Mas/98. DSM N.V. Process for recovery of a B-lactam antibiotic. (October 17, 1997; The Netherlands).
- 2241/Mas/98. Zellweger Luwa AG. Device for drawing-in an elongated textile intermediate product. (October 30, 1997; Switzerland).

- 2242/Mas/98. Schneider Electric SA. A case for an electrical apparatus such as a circuit breaker.
- 2243/Mas/98. Litex Inc. Method and apparatus for using free radicals to reduce pollutants in the exhaust gases from the combustion of a fuel. (October 7, 1997; U.S.A.).
- 2244/Mas/98. AT&T Corp. Pots/packet bridge. (October 8, 1997; U.S.A.).
- 2245/Mas/98. SMS Schloemann-Sioma Aktiengesellschaft. Apparatus and method for influencing the frictional conditions between an upper roll and a lower roll of a roll stand. (October 9, 1997; Germany).
- 2246/Mas/98. Maschinenfabrik Reinhausen GmbH. Method of monitoring the functional capability of a tap selector. (October 22, 1997; Germany).
- 2247/Mas/98. Maschinenfabrik Reinhausen GmbH. Method of monitoring the functional capability of a tap selector. (October 22, 1997; Germany).

8th October, 1998

- 2248/Mas/98. Prof. S. Balakrishnan and Ms. S. T. Jaya Christa. Microprocessor based eddy current thickness gauge on non-magnetic base.
- 2249/Mas/98. Coromandel Fertilisers Limited. Precipitated calcium carbonate by ammonium chloride route.
- 2250/Mas/98. Veag Vereinigte Energiewerke AG. A device for moistening free-flowing bulk material.
- 2251/Mas/98. SMS Schloemann-Siema Aktiengesellschaft. High-speed shear for transversely cutting rolled strip. (October 22, 1997; Germany).
- 2252/Mas/98. Novartis AG. Organic compounds. (October 9, 1997; Great Britain).
- 2253/Mas/98. EEV Limited. Oscillator arrangements. (October 9, 1997; Great Britain).
- 2254/Mas/98. Agip Petroli s p A. Process for the hydro-isomerization of long-chain N-paraffins and catalyst suitable for the purpose (October 9, 1997; Italy).
- 2255/Mas/98. Shell Internationale Research Maatschappij B.V. Lubricating composition.

9th October, 1998

- 2256/Mas/98. Dr. Jose Thaikattil. Pressure cooker.
- 2257/Mas/98. Dr. Jose Thaikattil. A cooker.
- 2258/Mas/98. Dr. Jose Thaikattil. Stove.
- 2259/Mas/98. Pont-A-Mousson S.A. Product for the internal coating of a pipeline component, process and machine for its implementation and pipeline component coating with this product. (October 10, 1997; France).
- 2260/Mas/98. Wacker-Chemie GmbH. A process for preparing organosilazanes. (December 2, 1997; Germany).
- 2261/Mas/98. Lucent Technologies Inc. User interface for graphical application tool.
- 2262/Mas/98. Huntsman Polymers Corporation. Novel polyolefins as blend component. (October 17, 1997; U.S.A.).
- 2263/Mas/98. Solar Turbines Incorporated. Improved method for making a recuperator cell.
- 2264/Mas/98. BASF Aktiengesellschaft. Transformation of crude halogenated copper phthalocyanine pigments into a useful pigmentary state. (October 17, 1997; Germany).
- 2265/Mas/98. Analogic Corporation. Computed tomography scanner drive system and bearing (October 10, 1997; U.S.A.).

- 2266/Mas/98. Analogic Corporation. Computed tomography scanning target detection. (October 10, 1997; U.S.A.).
- 2267/Mas/98. Analogic Corporation. Area detector array for computed tomography scanning system. (October 10, 1997; U.S.A.).
- 2268/Mas/98. Analogic Corporation. Closed loop air conditioning system for a computed tomography scanner. (October 10, 1997; U.S.A.).
- 2269/Mas/98. Analogic Corporation. Measurement and control system for controlling system functions as a function of rotational parameters of a rotating device. (October 10, 1997; U.S.A.).
- 2270/Mas/98. Analogic Corporation. Computed tomography scanning target detection using target surface normals. (October 10, 1997; U.S.A.).
- 2271/Mas/98. Analogic Corporation. Rotary energy shield for computed tomography scanner. (October 10, 1997; U.S.A.).
- 2272/Mas/98. Akzo Nobel NV. Highly alkaline compositions containing a hexyl glycoside as a hydrotrope. (October 29, 1997; Sweden).
- 2273/Mas/98. Registrar, Indian Institute of Science. Biomass Gasifier.
- 2274/Mas/98. Registrar, Indian Institute of Science. Development of composite reinforcement technique for use in soil engineering problems.

12th October, 1998

- 2275/Mas/98. V. V. Thangathirupathy. Pedal cum oil engine powered jet aeroplane for vertical take off and landing near the city bus terminus.
- 2276/Mas/98. Shell Internationale Research Maatschappij BV. High solids coating compositions.
- 2277/Mas/98. Deutsche Institute for Textile-Und Faserforschung Stuttgart—Stiftung Des Offentlichen Rechts. An interlacing apparatus and process for luament interlacing. (October 13, 1997; Germany).
- 2278/Mas/98. Cifa S.p.A. Nozzle to batch and regularize concrete delivery from the pipe of concrete distribution arms. (October 15, 1997; Italy).
- 2279/Mas/98. Cifa S.p.A. System for the automatic movement of the end pipe of an arm distributing fluid concrete mixes and air, in machines for lining tunnel vaults. (October 15, 1997; Italy).
- 2280/Mas/98. Chemfarm V. O. F. A process for recovering ampicillin and 6-APA from a mixture containing the same. (March 31, 1995; Belgium).
- 2281/Mas/98. Johnson Jayakar Joseph. Man-machine interfaces for personal computations.

13th October, 1998

- 2282/Mas/98. Dr. Ravi Ralph. A seed dibbler.
- 2283/Mas/98. Kabushiki Kaisha Kenwood. Method and apparatus of intermittent arrangement multibeam optical disc readout. (October 14, 1997; Japan).
- 2284/Mas/98. Kabushiki Kaisha Kenwood. Optical disc readout method and apparatus with focusing. (October 14, 1997; Japan).
- 2285/Mas/98. The Dow Chemical Company. Extrudable vinylidene chloride polymer compositions. (October 14, 1997; U.S.A.).
- 2286/Mas/98. Mobil Oil Corporation. Method and apparatus for producing gas hydrates. (October 14, 1997; U.S.A.).

- 2287/Mas/98. Mobil Oil Corporation. Gas hydrate regassification method and apparatus using steam or other heated gas or liquid. (October 14, 1997; U.S.A.).
- 2288/Mas/98. Mobil Oil Corporation. Gas hydrate storage reservoir. (October 14, 1997; U.S.A.).
- 2289/Mas/98. At & T Corp.. Cellular networks with spare base and satellite stations.
- 2290/Mas/98. Institute Francais Du Petrole. Long-reticulate-distance pillared diocathedral phyllosilicate 2:1, catalyst and conversion process. (October 13, 1997; France).
- 2291/Mas/98. Kimberly-Clark Worldwide Inc.. Soft, strong hydraulically entangled nonwoven composite material and method for making the same. (October 17, 1997; U.S.A.).
- 2292/Mas/98. Kimberly-Clark Worldwide Inc.. Textured nonwoven composite material and method for making the same. (October 17, 1997; U.S.A.).
- 2293/Mas/98. Kimberly-Clark Worldwide Inc.. Absorbent article with enhanced elastic design for improved aesthetics and containment. (October 20, 1997; U.S.A.).
- 2294/Mas/98. Monsanto Company. Novel synthesis of 3-carbomethoxy-4, 5-dimethylthiophene. (October 14, 1997; U.S.A.).
- 2295/Mas/98. Novo Nordisk A/s. α amylase mutants (October 13, 1997; Denmark).

14th October, 1998

- 2296/Mas/98. The Dow Chemical Company. Thermoplastic compositions of interpolymers of alphaolefin monomers with one of more vinylidene aromatic monomers and/or one or more hindered aliphatic or cycloaliphatic vinylidene monomers blended with vinyl halide homopolymers and copolymers. (October 15, 1997; U.S.A.).
- 2297/Mas/98. ELF Atochem S. A.. Stabilization of thioacetic acid. (October 15, 1997; France).
- 2298/Mas/98. British Telecommunications Public Limited Company. Cellular radio system. (October 15, 1997; Great Britain).
- 2299/Mas/98. Petroleo Brasileiro S. A.. Method for inverting the convex configuration of a liquid product storage-tank bottom by applying hardenable material having plastic properties. (October 17, 1997; Brazil).
- 2300/Mas/98. Matsushita Electric Industrial Co. Ltd.; (2) Jiro Kondou; (3) Yoshihisa Nakano; (4) Kazutaka Miyatake; (5) Nobuo Honami. Photosynthetic culture system and collective photosynthetic culture system. (October 17, 1997; Japan).
- 2301/Mas/98. Matsushita Electric Industrial Co. Ltd.. Method for reducing processing power requirements of a video decoder. (October 16, 1997; Japan).
- 2302/Mas/98. Akzo Nobel NV. Closed loop continuous polymerisation reactor and polymerisation process.
- 2303/Mas/98. The Dow Chemical Company. Evacuated insulation panel having non-wrinkled surfaces. (December 18, 1997; U.S.A.).
- 2304/Mas/98. ELF Atochem SA.. Desalination of aqueous sulphonamide solutions. (October 15, 1997; France).
- 2305/Mas/98. British Telecommunications Public Limited Company. Pattern recognition. (October 15, 1997; Great Britain).
- 2306/Mas/98. SE Sr. I.. Directional drilling tool. (October 15, 1997; Italy).
- 2307/Mas/98. BASF Aktiengesellschaft. Preparation of propene. (October 17, 1997; Germany).

2308/Mas/98 Deka Products Limited Partnership. Safety separation system. (October 14, 1997; U.S.A.).

15th October, 1998

2309/Mas/98. (1) Snehasish Ghosh; (2) Kasturi Umapathy Rao (3) Kudrapatna Keshava Murthy Venkatesha. A novel modular tunnel drier.

2310/Mas/98. Chokkenthayil Varghese Somar. Multiplesided-revolving super safe universal cupboard.

2311/Mas/98. Dr. K. R. Davis. Automatic three way tap device.

2312/Mas/98. Baliga Lighting Equipment (P) Limited. A device for automatic hot air sealing of container.

2313/Mas/98. Japan Tobacco Inc. Phthalimide derivatives and pharmaceutical compositions containing the same.

2314/Mas/98. ETA SA Fabriques D'Ebauches. Method for manufacturing a balance-spring for a clock-work movement and balance-spring obtained according to said method. (October 21, 1997; Switzerland).

2315/Mas/98. International Business Machine Corporation. On-line mining of quantitative association rules. (November 4, 1997; U.S.A.).

2316/Mas/98. International Business Machine Corporation. Printed circuit boards for mounting a semiconductor integrated circuit die. (December 11, 1997; U.S.A.).

2317/Mas/98. Hoechst Research & Technology Deutschland GmbH & Co. KG. Ethylene treatment by gas permeation. (October 16, 1997; Germany).

2318/Mas/98. Philip Morris Products Inc. Flexible web converter wasteremoval apparatus and control. (October 16, 1997; U.S.A.).

2319/Mas/98. Institut Francais Du Petrole. Process for improving the pour point of a feedstock with a catalyst with an IM-5 zeolite base. (October 16, 1997; France).

2320/Mas/98. Cosma International Inc. Draw stamping die for stamping body panels for motor vehicles. (October 16, 1997; U.S.A.).

2321/Mas/98. Ericsson Inc. System to associate control with applications using drag and drop interface. (October 21, 1997; U.S.A.).

2322/Mas/98. Open TV. Inc. Interactive television system and method for inserting pictures within pictures using MPEG 1 Frames. (October 16, 1997; U.S.A.).

2323/Mas/98. Solutia Inc. Foaming resistant hydrocarbon compositions. (October 21, 1997; U.S.A.).

2324/Mas/98. Plasson Ltd. Pipe coupling.

16th October, 1998

2325/Mas/98. Southern Petrochemical Industries Corporation Ltd. A process for the preparation of (S)- α hydroxy esters.

2326/Mas/98. Dr. Reddy's Research Foundation. Novel compounds having antibacterial activity; process for their preparation and pharmaceutical compositions containing them.

2327/Mas/98. Dr. Reddy's Research Foundation. Novel antibacterial compounds; Process for their preparation and pharmaceutical compositions containing them.

2328/Mas/98. AT&T Corp. Method and system multipath fading in bent-pipe satellite communications systems. (October 17, 1997; U.S.A.).

2329/Mas/98. AT & T Corp. Method and system for reducing interbeam interference and multipath fading in bent pipe satellite communications systems. (October 17, 1997; U.S.A.).

2330/Mas/98. AT&T Corp. Adaptive frequency channel assignment based on battery power level in wireless access protocols. (October 21, 1997; U.S.A.).

2331/Mas/98. Cosma International Inc. Hydroformed space frame. (October 16, 1997; U.S.A.).

2332/Mas/98. British Telecommunications Public Limited Company. Information management system. (October 21, 1997; Great Britain).

2333/Mas/98. Akzo Nobel N.V. Electrode. (November 12, 1997; U.S.A.).

2334/Mas/98. Nokia Mobile Phones Ltd. Method for converting a signal data rate and a transmitter. (October 24, 1997; France).

2335/Mas/98. Guala Closures S. p. A. An improved bottle closure, with a guarantee seal especially for bottles containing quality drinks. (October 28, 1997; Italy).

2336/Mas/98. The Dow Chemical Company. Compositions of interpolymers or alpha-olefin monomers with one or more vinyl or vinylidene aromatic monomers and/or one or more hindered aliphatic or cyclo-aliphatic vinyl or vinylidene monomers blended with a conductive additive. (October 17, 1997; U.S.A.).

2337/Mas/98. BASF Aktiengesellschaft. 2-substituted 1, 2-benzisothiazole derivatives their preparation and use. (October 22, 1997; Germany).

2338/Mas/98. BASF Aktiengesellschaft. 3-substituted tetrahydropyridopyrimidinone derivatives, their preparation and use. (October 24, 1997; Germany).

2339/Mas/98. Fordham University. Methods and compositions for the treatment of autoimmune disease using heat shock proteins. (October 16, 1997; U.S.A.).

2340/Mas/98. Institut Francais Du Petrole. Catalyst and process for hydrocracking fractions that contain hydrocarbon. (October 20, 1997; France).

20th October, 1998.

2341/Mas/98. Chittam Butchi Kameswara Rao. FCB Shutter.

2342/Mas/98. Mysore Sandal Products. A process for blending traditional indigenous ingredient extracts blended in base of sandal wood oil, neem seed oil, chalmogra oil and castor oil for curing diabetes completely and also for curing ulcers in stomach and piles.

2343/Mas/98. Mr. Latha. A device under the trade name of 'EL-50' in which 50 minutes tedious bus journey in Ghat route can be eliminated by means of lift to about two minutes or less. It can be modified to suit different applications at different situations.

2344/Mas/98. Pure Energy Corporation. Polymeric fuel additive and method of making the same, and fuel containing the additive. (October 20, 1997; United States of America).

2345/Mas/98. Mobil Oil Corporation. Isoparaffinic base stock compositions. (October 20, 1997; United States of America).

2346/Mas/98. Qualcomm Incorporated. Portable telephone with see-through flip element. (October 20, 1997; United States of America).

2347/Mas/98. Maschinenfabrik Rieter AG. Method to control a spinning frame with a motor and spinning frame to carry out said method. (October 22, 1997; Germany).

2348/Mas/98. The Dow Chemical Company. Thermoplastic marking compositions. (October 21, 1997; U.S.A.).

- 2349/Mas/98. Linde Aktiengesellschaft. Reactor. (October 22, 1997; Germany).
- 2350/Mas/98. The Dow Chemical Company. Sulfonated substantially random interpolymers, blends thereof and articles made therefrom. (October 21, 1997; U.S.A.).
- 2351/Mas/98. Matsushita Electric Industrial Co. Ltd. . Explosion preventing device for refrigerating machine using flammable refrigerant. (October 21, 1997; Japan).
- 2352/Mas/98. F. Hoffmann-La Roche AG. . Manufacture of a lycopene metabolite. (October 20, 1997; Europe).
- 2353/Mas/98. F. Hoffmann-La Roche AG. . Bicyclic pyridines. (October 20, 1997; U.S.A.).
- 2354/Mas/98. Edward Mendell Co. Inc. . Novel once-a-day controlled release sulfonylurea formulation.

21st October, 1998.

- 2355/Mas/98. S. P. Prakasan. An electronic lighter of sodium vapour lamps and mercury vapour lamps.
- 2356/Mas/98. Tropical Botanic Garden & Research Institute. A process for preparation of 'Jeevani', a novel immuno-enhancing, antifatigue, antistress and hepatoprotective herbal drug from the plants *trichopus zeylanicus* ssp. *travancoricus*, *withania somnifera*, *piper longum* and *evolvulus alsinoides*.
- 2357/Mas/98. The Dow Chemical Company. Thermally Stable polyethermaines. (October 22, 1997; U.S.A.).
- 2358/Mas/98. British Telecommunications Public Limited Company. Communications network node (October 22, 1997; Great Britain).
- 2359/Mas/98. British Telecommunications Public Limited Company. Distributed virtual environment. (October 22, 1997; Great Britain).
- 2360/Mas/98. Lucent Technologies Inc. . Access to communications systems.
- 2361/Mas/98. Mitsubishi Denki Kabushiki Kaisha. A roll, surface treatment method, and a roll-surface treatment apparatus.
- 2362/Mas/98. G D Searle & Co. substituted benopyran derivatives for the treatment of inflammation.
- 2363/Mas/98. Norton Company. High speed grinding wheel. (January 30, 1998; U.S.A.).
- 2364/Mas/98. Rhodia Inc. . Iron-rare earth boron-refractory metal magnetic nanocomposites. (October 22, 1997; U.S.A.).
- 2365/Mas/98. Mobil Oil Corporation. Multiple catalyst bed radial flow reactor (October 21, 1997; U.S.A.).
- 2366/Mas/98. Qualcomm Incorporated. Apparatus and method for supporting analog fax calls in a tandem configuration. (October 22, 1997; U.S.A.).
- 2367/Mas/98. Performance Plants Inc. . Plant phosphatases. (October 21, 1997; U.S.A.).
- 2368/Mas/98. AEA Technology plc. Plasma gas processing devices. (October 22, 1997; United Kingdom).

22nd October, 1998.

- 2369/Mas/98. Kuraray Co. Ltd. . Method and producing pyridine derivatives. (October 23, 1997; Japan).
- 2370/Mas/98. Schering Corporation. Optically active intermediates for the preparation of optically active substituted oximes, hydrazones and olefins use ful as neurokinin antagonists. (October 27, 1997; United States of America).

- 2371/Mas/98. Lucent Technologies Inc., Power control for mobile wireless communication system.
- 2372/Mas/98. TRC Industries Inc. Process for the production of virgin polymer substitutes. (November 22, 1997; U.S.A.).
- 2373/Mas/98. Kabushiki Kaisha Kobe Seiko Sho. Method and apparatus for making metallic iron. (October 23, 1997; Japan).
- 2374/Mas/98. Qualcomm Incorporated. System and method for displaying performance characteristics of a cell site modem. (October 23, 1997; U.S.A.).
- 2375/Mas/98. Snamprogetti S.p.A. . Protective lining for pressure equipment which can be used in processes for the synthesis of urea. (October 23, 1997; Italy).

23rd October, 1998.

- 2376/Mas/98. Henriksen Leif Dag. . Arrangement in a two cycle combustion engine with internal combustion.
- 2377/Mas/98. Henriksen Leif Dag. . Arrangement in a two cycle combustion engine with internal combustion.
- 2378/Mas/98. Akzo Nobel nv. . Amination process. (November 11, 1997; Sweden).
- 2379/Mas/98. Dr. Ing. Bodo Wold. Process and apparatus for generating fuel-, synthesis and reduction gas from renewable and fossil fuels, biomasses, refuse or sludges. (October 28, 1997; Germany).
- 2380/Mas/98. Societe Des Produits Nestle S.A. . Noodle product of the beehoon type. (December 29, 1997; Europe).
- 2381/Mas/98. Hoechst Marion Roussel Deutschland GmbH. Sulfonamide-substituted benzopyran derivatives, processes for their preparation, their use as a medicament, and pharmaceutical preparations comprising them. (November 3, 1997; Germany).
- 2382/Mas/98. Hoechst Marion Roussel Deutschland GmbH. Sulfonamide-substituted fused 5-membered ring compounds, their use as a medicament, and pharmaceutical preparations comprising them (November 10, 1997; Germany).
- 2383/Mas/98. Lucent Technologies Inc. Enclosure for equipment which requires cooling.
- 2384/Mas/98. Lucent Technologies Inc., An asymmetric multiple access protocol for a communications system.
- 2385/Mas/98. Steelcase Inc. Chair including novel back construction. (October 24, 1997; U.S.A.).
- 2386/Mas/98. Steelcase Inc., Synchrotilt chair with forwardly movable seat. (October 24, 1997; U.S.A.).
- 2387/Mas/98. Ajinomoto co. Inc. . Raffinose synthase gene, method for producing raffinose, and transgenic plant. (October 24, 1997; Japan).
- 2388/Mas/98. Lucent Technologies Inc., Heater.

26th October, 1998.

- 2389/Mas/98. Viljo Morwala patel. A DNA sequencing of ABC transporter or multidrug resistance protein and implication of better salinity tolerant.
- 2390/Mas/98. (1) Viljo Morwala Patel, (2) Davuluri Ganga Rao and (3) Rashmi Nirmal. A novel method of tissue culture and regeneration of callus generated from shoots of indica rice variety IR64.
- 2391/Mas/98. B. Pranesh. A balancing approaching for helicopter rotor.

2392/Mas/98. Micro Motion, Inc., An explosion proof feedthrough connector. (October 31, 1997; U.S.A.).

2393/Mas/98. Qualcomm Incorporated. Method and apparatus for generating encryption stream ciphers. (October 24, 1997; U.S.A.).

2394/Mas/98. (1) Eskom and (2) Krew Ventilation (Proprietary) Limited. The conveying of materials. (October 24, 1997; South Africa).

2395/Mas/98. Societe Des Produits Nestle S.A. Production of hydrolysate.

2396/Mas/98. SMS Schloemann-Siemag Aktiengesellschaft. Rolling plant for rolling all types of finished sections (October 29, 1997; Germany).

2397/Mas/98. British Telecommunications Public Limited Company. Portable computers. (October 28, 1997; Great Britain).

2398/Mas/98. Kimberly-Clark Worldwide, Inc., Feminine sanitary protection packaging articles and method. (December 18, 1997; U.S.A.).

2399/Mas/98. Novo Nordisk A/S. Aggregates of human insulin derivatives. (October 24, 1997; Denmark).

2400/Mas/98. Lucent Technologies Inc. Cellular multicarrier wireless communication system.

2401/Mas/98. Lucent Technologies Inc. Cellular wireless communication system with fixed terminals.

27th October, 1998.

2402/Mas/98. Deccan Industrial Products Pvt. Ltd. Rubber kitchen sink mat.

2403/Mas/98. Deccan Industrial Products Pvt Ltd. Rubber drain board mat.

2404/Mas/98. Nokia Mobile Phones Ltd. Method and arrangement for defining transmission power in a mobile station. (November 5, 1997; Finland).

2405/Mas/98. Lucent Technologies Inc. Verifying hardware in its software context and vice versa. (November 28, 1997; U.S.A.).

2406/Mas/98. Lucent Technologies Inc. Static partial order reduction. (November 3, 1997; U.S.A.).

2407/Mas/98. Kimberly-Clark Worldwide, Inc., Breathable films and process for producing them. (October 31, 1997; U.S.A.).

2408/Mas/98. Kimberly-Clark Worldwide, Inc. Cloth-like base sheet and method or making the same. (October 30, 1997; U.S.A.).

2409/Mas/98. SMS Schloemann-Seimag Aktiengesellschaft. A current roller for an electrolytic strip coating plant. (October 28, 1997; Germany).

2410/Mas/98. (1) The Dow Chemical Company & (2) Dow-United Technologies Composite Products, Inc. Unidirectional fiber-random mat Preform. (October 28, 1997; U.S.A.).

2411/Mas/98. Sumitomo Metal Mining Co. Ltd. Film for cutting off heat rays and a coating liquid for forming the same. (May 16, 1998; Japan).

2412/Mas/98. Kimberly-Clark Worldwide, Inc. Creped non-woven materials and liner. (October 31, 1997; U.S.A.).

2413/Mas/98. (1) Ojila Sunderarama Reddi and (2) Kristapali Rama Sharma. A process for preparing a monoclonal antibody.

2414/Mas/98. Institut Francais Du Petrole. Process for preparing catalysts for use in organic compound transformation reactions. (October 31, 1997; France).

2415/Mas/98. Institut Francais Du Petrole. Process for dehydrogenating saturated aliphatic hydrocarbons to olefinic hydrocarbons. (October 31, 1997; France).

28th October, 1998

2416/Mas/98. Vittal Mallya Scientific Research Foundation. A process for preparing a soluble double metal salt of group IA and IIA of () hydroxycitric acid.

2417/Mas/98. Mitsubishi Denki Kabushiki Kaisha. Vehicular fuel supplying apparatus.

2418/Mas/98. BASF Aktiengesellschaft. Solid preparation of a crop protection agent. (October 29, 1997; Germany).

2419/Mas/99. BASF Aktiengesellschaft. Doubled reactive dyes. (October 30, 1997; Germany).

2420/Mas/98. BASF Aktiengesellschaft. Substitute 2-(2'-pyridyloxy) phenylacetamides, their preparation and their use, and compositions comprising them. (October 29, 1997; Germany).

2421/Mas/98. SMS Schloemann-Siemag Aktiengesellschaft. Continuous casting mold. (October 31, 1997; Germany).

2422/Mas/98. Castrol Limited. Processes for preparing grafted copolymers. (October 28, 1997; U.S.A.).

2423/Mas/98. AT&T Corp. Method and system for joint timing recovery and channel estimation for DMT modems. (November 3, 1997; U.S.A.).

2424/Mas/98. Matsushita Electric Industrial Co. Ltd. Working fluid for refrigerating cycle equipment and the refrigerating cycle equipment using the same. (October 30, 1997; Japan).

2425/Mas/98. Loma Linda University. Expression of cholera toxin B subunit in transgenic plants and efficacy thereof in oral vaccines.

2426/Mas/98. Artimplant Development Artdev AB. Shaped bodies for use as implants in human medicine and method for the production of such shaped bodies. (November 3, 1997; Sweden).

2427/Mas/98. Kimberly-Clark Worldwide, Inc. Shoe cover with slip resistant sole. (October 31, 1997; U.S.A.).

2428/Mas/98. BASF Aktiengesellschaft. Novel carboxylic acid derivatives with amide side chains, their preparation and use as endothelin receptor antagonists. (October 31, 1997; Germany).

29th October, 1998

2429/Mas/98. Dr. S. Thankayyan. HB virocare a siddha remedy for viral hepatitis B.

2430/Mas/98. Indian Institute of Technology. A method of obtaining an equilibrated anomeric mixture of reducing sugars using non-aqueous media.

2431/Mas/98. Dr. Reddy's Research Foundation. A process for the preparation of novel antidiabetic compounds.

2432/Mas/98. Dr. Reddy's Research Foundation. A process for the preparation of novel antidiabetic compounds.

2433/Mas/98. Dr. Reddy's Research Foundation. A process for the preparation of novel antidiabetic compounds.

2434/Mas/98. Dr. Reddy's Research Foundation. An improved process for the preparation of substituted oxazolidinones and pharmaceutical compositions containing them useful as antibacterial agents.

2435/Mas/98. Dr. Reddy's Research Foundation. An improved process for the preparation of 2-[phenoxy-10-YL] ethylmethane sulphonate.

- 2436/Mas/98. The Dow Chemical Company. Extrudable vinylidene chloride polymer compositions. (October 30, 1997; U.S.A.).
- 2437/Mas/98. F. Hoffmann-La Roche AG. D-proline derivatives. (October 31, 1997; Europe).
- 2438/Mas/98. Cabot Corporation. Particles having an attached stable free radical, polymerized modified particles and methods of making the same. (October 31, 1997; U.S.A.).
- 2439/Mas/98. Nippon Shokubai Co. Ltd. A production method of acrylic acid.
- 2440/Mas/98. Flexsys America L.P. Formation of quonodimines from phenylenediamines by catalytic oxidation. (October 29, 1997; U.S.A.).
- 2441/Mas/98. Flexsys America L.P. Preparation of quonodimines from phenylenediamines using hydrogen peroxide and a catalyst. (October 29, 1997; U.S.A.).
- 2442/Mas/98. Flexsys America L.P. Preparation of quonodimines from phenylenediamines using a hypochlorite as an oxidation agent. (October 29, 1997; U.S.A.).
- 2443/Mas/98. Mogen International nv. Nuclear male sterile plants, method of producing same and to restore fertility. (October 30, 1997; Europe).
- 2444/Mas/98. Mogen International nv. Pre- and post harvest inhibition of remobilisation of storage compounds. (October 30, 1997; Europe).
- 2445/Mas/98. Kimberly-Clark Worldwide Inc. Air press for dewatering a wet web. (October 31, 1997; U.S.A.).
- 2446/Mas/98. Kimberly-Clark Worldwide Inc. Method for making soft tissue. (October 31, 1997; U.S.A.).
- 2447/Mas/98. Kimberly-Clark Worldwide Inc. Method for making tissue sheets on a modified conventional wet-pressed machine. (October 31, 1997; U.S.A.).
- 2448/Mas/98. Kimberly-Clark Worldwide Inc. Method for making low-density tissue with reduced energy input. (October 31, 1997; U.S.A.).
- 30th October, 1998
- 2449/Mas/98. Needle industries (India) Ltd. Flexible eye needles.
- 2450/Mas/98. Dr. Reddy's Research Foundation. An improved process for the preparation of nonsteroidal antiinflammatory drug.
- 2451/Mas/98. Dr. Reddy's Research Foundation. An improved process for the preparation of nontoxic X-ray contrast agents.
- 2452/Mas/98. Dr. Reddy's Research Foundation. An improved process for the preparation of 4, 5, 7-trichloroquinoline, a novel intermediate therefor and a process for the preparation of the said intermediate.
- 2453/Mas/98. Hoechst Schering Agrevo GmbH. Carbamoyl-phenylsulfonyleureas, processes for their preparation and their use as herbicides and plant growth regulators. (November 3, 1997; Germany).
- 2454/Mas/98. Kimberly-Clark Worldwide Inc. Sterilization wrap, applications therefor, and method of sterilizing. (October 31, 1997; U.S.A.).
- 2455/Mas/98. Kimberly-Clark Worldwide Inc. Low density resilient webs and methods of making such webs. (October 31, 1997; U.S.A.).
- 2456/Mas/98. Kimberly-Clark Worldwide Inc. Method of producing low density resilient webs. (October 31, 1997; U.S.A.).
- 2457/Mas/98. CTB, Inc. Adjustable poultry feeder assembly. (November 3, 1997; U.S.A.).

- 2458/Mas/98. Institut Francais Du Petrole. Homogeneous bed of catalyst and a process for transforming hydrocarbons into aromatic compounds using said bed. (October 31, 1997; France).
- 2459/Mas/98. Novo Nordisk A/s. Improved α -amylase mutants. (October 30, 1997; Denmark).
- 2460/Mas/98. Qualcomm Incorporated. System and method for analysing mobile long files. (October 30, 1997; U.S.A.).

ALTERATION OF DATES UNDER SECTION 16

182957

(464/Cal/98 Antedated to 25th October, 1994.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10- per page of such document plus Rs. 30/-.

स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबंध आवेदन में से किसी पर पेटेंट अनुदान को विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अंतिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकरव को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज दो प्रतियों में साक्ष्य के साथ, यदि कोई

हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकीत प्रतियाँ की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकीत प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियाँ की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त वस्तुवज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

CL : 146 D-1

182931

Int. Cl. : G 02 B 27/18.

THIN FILM ACTUATED MIRROR ARRAY FOR USE IN AN OPTICAL PROJECTION SYSTEM AND METHOD FOR THE MANUFACTURE THEREOF.

Applicant : DAEWOO ELECTRONICS CO LTD., OF 541, 5-Ga NAMDAEMOON-Ro, JUNG GU, SEOUL, REPUBLIC OF KOREA.

Inventors :

1. JEONG-BEOM JI.
2. YONG-KI MIN.

Application No. 247/Cal/95 filed on 8th March, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

23 Claims

An array of $M \times N$ thin film actuated mirrors, wherein M and N are integers, for use in an optical projection system, wherein said array comprises an active matrix and array of $M \times N$ elastic members an array of $M \times N$ pairs of actuating structures, an array of $M \times N$ pairs of supporting members and an array of $M \times N$ mirrors, the active matrix including a substrate, an array of $M \times N$ transistors and an array of $M \times N$ transistors and an array of $M \times N$ pairs of connecting terminals, wherein the connecting terminals in each pair are electrically connected to each of the transistors;

an array of $M \times N$ elastic members, each of the elastic members being provided with a distal and a proximal ends, an a top and a bottom surfaces, the proximal end including a first tab and a second tab portions, the first tab and second tab portions being separated by a retraction therebetween the distal end including a protrusion, wherein the protrusion from each of the elastic members extends into the retraction of a successive elastic member in the array;

an array of $M \times N$ pairs of actuating structures, each pair of the actuating structures being located on the first and second tab portions on each of the elastic members, respectively, each of the actuating structures including a bias electrode, a motion-inducing thin film layer and a signal electrode with the bias and the signal electrodes being placed on top and bottom of the motion inducing thin film layer, respectively, the bias electrode being made of an electrically conducting, light reflecting material, the signal electrode in each of the actuating structures in each pair being electrically connected to a same transistor in the active matrix, wherein an electrical signal applied across the motion-inducing thin film layer between the bias and the signal electrodes in each

of the actuating structures causes a deformation of the motion-inducing thin film layer, and hence said each of the actuating structures;

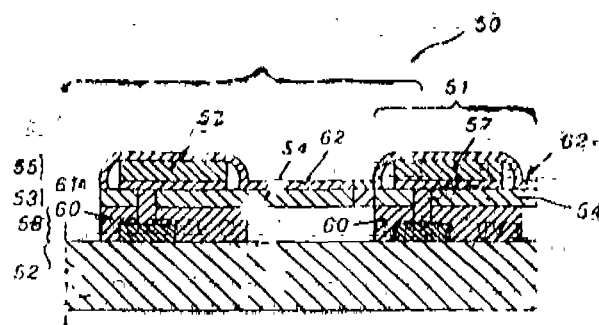
an array of $M \times N$ pairs of supporting members, each pair of the supporting members being used for holding each of the elastic members in place, wherein the first and second tab portions in each of the elastic members are secured to each of the supporting members in each pair, respectively

an array of $M \times N$ mirrors for reflecting light beams, and each of the mirrors being used for reflecting light beams being formed on the top surface of the elastic member, each of the mirrors and being made of the same material as the bias electrode, such that being characterized in that the proximal end of each of the elastic layer includes a first and a second tab portions and the distal end of each of the elastic layer includes a protrusion, the first and the second tab portions being separated by a retraction therebetween and being secured to each of the supporting members in each pair, respectively wherein the protrusion from each of the elastic members extends into the retraction of a successive elastic member in the array;

each pair of the actuating structures is located on the first and the second tab portions on each of the elastic members, respectively; and

when the pair of actuating structures deform in response to the electrical signal, the first and the second tab portions on the elastic member with the actuating structures attached thereto tilt while the remainder of the elastic member, and hence, the mirror formed on top thereof, stays planar, thereby allowing all of the mirror to reflect the light beams

FIG 3



(Compl. Specn. 27 Pages;

Drngs. 9 Sheets.)

CL : 85 I

182932

Int. Cl. : B 01 J 8/18.

8/26.

AN APPARATUS AND METHOD OF PRODUCING FLUE GASES WITH REDUCED NO_x LEVEL.

Applicant : FOSTER WHEELER ENERGY CORPORATION, OF PERRYVILLE CORPORATE PARK, CLINTON, NEW JERSEY 08809-4000, UNITED STATES OF AMERICA.

Inventor : IQBAL F. ABDULALLY.

Application No. 548/Cal/95 filed on 16th May, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

14 Claims

An apparatus for producing flue gases with reduced NO_x level comprising :

an enclosure (12) for combusting a nitrogen containing fuel;

a duct (34) connected at opening at one end (44) to an upper portion of said enclosure in gas flow communication with said enclosure, said duct having a top (36) an inner (42) portion, and an outer wall (40) portion; and

means port (46) for selectively injecting a reactant as herein described through said top (36) of said duct (34) for decreasing NO_x levels in flue gases passing from said enclosure (12) and through said duct (34), said means for injecting a reactant being disposed nearer to said opening at one end (44) and inner wall (42) of said duct (34) than to opening at the other end (49) and outer wall (40) thereof;

a separator (48) in gas flow communication with the said enclosure (12).

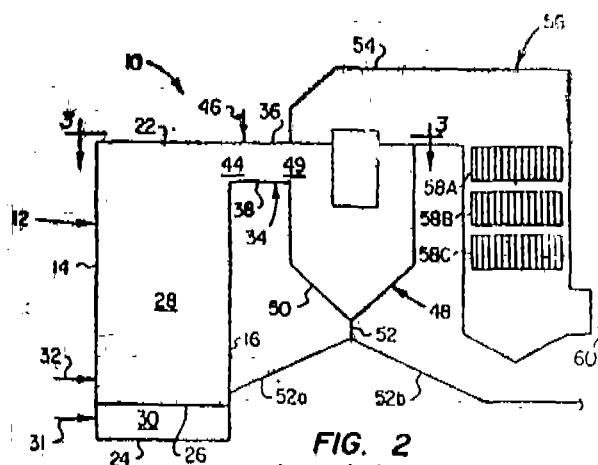


FIG. 2

(Compl. Specn. 23 Pages;

Drgns. 1 Sheet)

Cl. : 195 D

182933

Int. Cl.⁴ : F 16 K 25/00,
27/00.

A VALVE ASSEMBLY HAVING IMPROVED VALVE SEAT.

Applicant : TYCO FLOW CONTROL INC. OF 9600
WEST GULF BANK DRIVE, HOUSTON, TEXAS 77040
UNITED STATES OF AMERICA;

Inventors :

1. DANIEL P. KUSMER.
2. ROBERT A. PRENZEL.

Application No. 622/Cal/95 filed on 31st May, 1995.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules 1972), Patent Office, Calcutta.

9 Claims

A valve assembly having improved valve seat comprising :

a valve body having a first end opening, a second end opening and a through bore connecting said first and second end openings forming a fluid flow passage, said valve body comprising a wall surrounding a portion of said fluid flow passage, said fluid flow passage defining an axis co-axial with said wall;

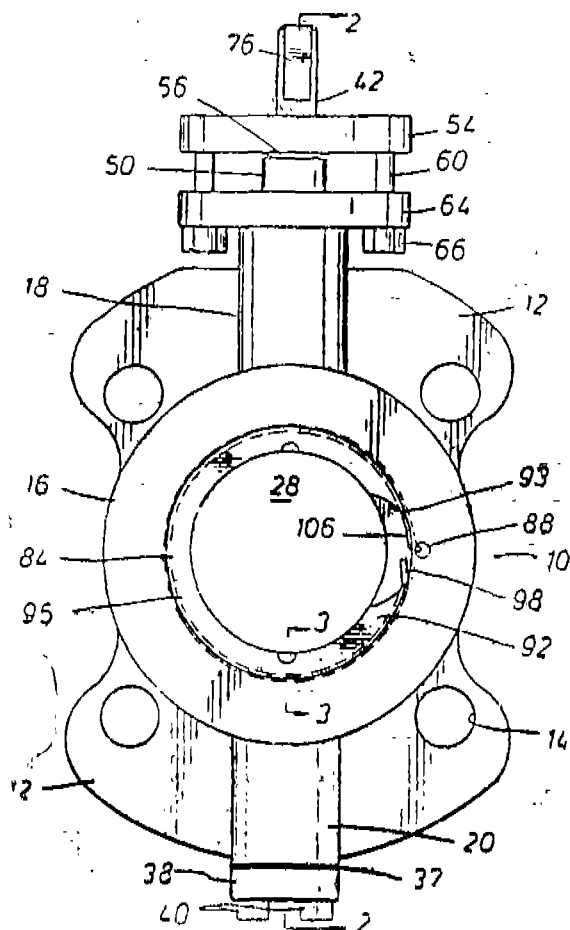
a valve element rotatably mounted in said valve body, said valve element having an annular, radiused sealing surface and being rotatable around a second axis perpendicular to said first axis;

a valve seat assembly disposed in said valve body for sealing engagement with said sealing surface of said valve element, said valve seat assembly being axially displaced from said second axis toward said first end, characterized in that said valve seat assembly comprises :

a seal ring having an annular, radially inwardly facing first surface for sealing engagement with said sealing surface on said valve element and an annular, radially outwardly facing second surface, an annular, radially outwardly facing groove being formed in said second surface;

an elastomeric backing ring disposed in said groove, said backing ring being circular in cross-section, said backing ring having a center-line defined by a first plane passing through the center of said backing ring perpendicular to said first axis, the engagement between said sealing surface on said valve element and said first surface on said seal ring being in substantially annular, line contact when said valve element is in the closed position and in the absence of any fluid pressure acting on said valve element, said line contact engagement lying in a second plane axially displaced from said first plane in a direction away from said second axis toward said first end of said valve body; and

retaining means (92, 98) for retaining said valve seat assembly in said valve body.



(Compl. Specn. 16 Pages;

Drgns. 3 Sheets)

Cl. : 186 E

182934

Int. Cl.⁴ : H 04 N 9/79.

AN APPARATUS FOR PROCESSING A STILL SCREEN IN A DIGITAL VIDEO REPRODUCING SYSTEM.

Applicant : DAEWOO ELECTRONICS CO. LTD., OF
541, 5-GA, NAMDAFMOONRO, JUNG-KU, SEOUL,
KOREA.

Inventor : MOO-HO BAE.

Application No. 874/Cal/95 filed on 28th July, 1995.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules 1972), Patent Office, Calcutta.

6 Claims

An apparatus for processing a still screen in a digital video reproducing system, said apparatus comprising :

a first frequency demultiplying section for demultiplying a chrominance subcarrier reproduced from a video information recording medium and outputting a first frequency demultiplying section signal being a horizontal synchronizing signal;

a second frequency demultiplying section for demultiplying the first frequency demultiplying section signal provided by the first frequency demultiplying section in a predetermined frequency demultiplying ratio and outputting a second frequency demultiplying section signal being a vertical synchronizing signal;

an inverting section for inverting the chrominance subcarrier and outputting an inverting section signal;

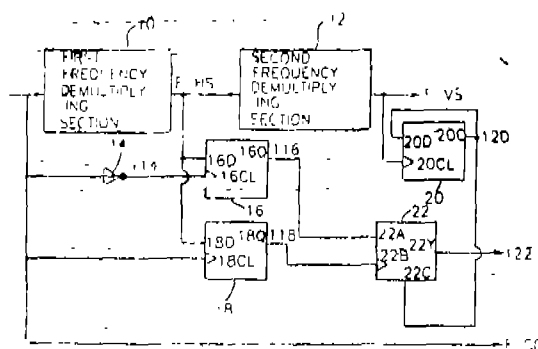
a first delaying section for delaying the horizontal synchronizing signal provided by the first frequency demultiplying section in response to the inverting section signal which the inverting section applies to a first delaying section clock input thereof, and outputting a first delaying section signal;

a second delaying section for delaying the first frequency demultiplying section signal provided by the first frequency demultiplying section in response to the chrominance subcarrier applied to a second delaying section clock input thereof, and outputting a second delaying section signal;

a third frequency demultiplying section for outputting a third frequency demultiplying section signal corresponding to a signal obtained by frequency-demultiplying the vertical synchronizing signal by two from a third frequency demultiplying section inverting output thereof connected to a third frequency demultiplying section data input thereof in response to the vertical synchronizing signal which the second frequency demultiplying section applies to a third frequency demultiplying section clock input thereof; and

a switching section for switching the first delaying section signal and the second delaying section signal respectively provided by the first delaying section and the second delaying section in response to the third frequency demultiplying section signal which the third frequency demultiplying section applies to a third switching section input thereof as a switching control signal.

FIG. 4



(Compl. Specn. 19 Pages;

Drgns. 4 Sheets)

Cl. : 39 E

182935

Int. Cl.⁴ : C 01 B 33/04

A CONTINUOUS GROWTH PROCESS FOR THE PREPARATION OF HYDROGENATED AMORPHOUS SILICON.

Applicant : INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE, OF ENERGY RESEARCH UNIT, JADAVPUR, CALCUTTA-700032, WEST BENGAL, INDIA.

Inventors :

ASOK KUMAR BARUA.
SAILESH NARAYAN SHARMA.
SUROJIT CHATTOPADHYAY.
DEBABRATA DAS.
RATNABALI BANERJEE.

Application No. 924/Cal/94 filed on 7th November, 1994.

(Complete specification left after provisional on 05-02-1996).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

8 Claims

A continuous growth process for the preparation of hydrogenated amorphous silicon (a-Si:H) comprising the steps of :

- adopting a capacitively coupled diode reactor evacuated to an ultra high vacuum (UHV) or 10^{-6} to 10^{-10} Torr;
- flowing into the said reactor process gas silane (SiH_4) and hydrogen (H_2) at a controlled rate between two electrodes while maintaining a constant pressure inside the said reactor in the range of 0.1 to 1.0 Torr, preferably 0.1 Torr;
- applying electric field (radio frequency) 13.56 MHZ field across the electrodes located with said UHV chamber and simultaneously heating the filament, placed in the inter-electrode region, externally with the help of a transformer to a temperature of about 2500K, preferably 1175K; and
- dissociating process gas under combined effect of plasma enhanced chemical vapour deposition (PECVD) and hot wire chemical vapour deposition (HWCVD).

Compl. Specn. 18 Pages;

Drgns. 6 Sheets.

Cl. : 108 A

182936

Int. Cl.⁴ : C 21 15/02

IMPROVED PROCESS FOR THE PRODUCTION OF IRON FROM FERROUS RAW MATERIALS.

Applicant : TECHNOLOGICAL RESOURCES PTY. LTD., OF LEVEL 39, 55 COLLINS STREET, MALBOURNE 3001, AUSTRALIA.

Inventor : KARL BROTMANN.

Application No. 979/Cal/94 filed on 24th November, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

11 Claims

An improved process for the production of iron from ferrous raw materials, the process comprising :

feeding fuel, such as herein described, to an iron bath contained in a vessel, said iron bath having a surface;

continuously feeding ferrous raw materials to said iron bath from above;

continuously blowing oxygenous gases, such as herein described onto said surface of said iron bath, said oxygenous gases containing no more than 50% oxygen; reducing said ferrous raw materials with said fuel to produce reduced iron, thereby generating reaction gases comprising CO and H_2 emerging from said iron bath; afterburning said reaction gases with oxidizing gases, such as herein described, to produce heat;

transferring said heat produced by said afterburning to said iron bath;

thereafter removing a part of said iron bath, thereby leaving final iron bath in said vessel, said final iron bath forming an initial bath for a subsequent phase of the process; and

said initial iron bath weighing 10%–60% of the weight of the bath after the first process phase and before the subsequent phase; and optionally in the said process;

slag forming agents, mainly lime powder, are passed into the iron bath below the bath surface with a carrier gas, such as herein described; and

the iron, so produced, being molten pig iron, is either processed with intermediate cooling into solid pig iron in the usual commercial forms, or is refined into steel while in molten state, in another converter in the same heat.

Compl. Specn. 22 Pages;

Drgns. 1 Sheet.

Cl. : 29 A

182937

Int. Cl.⁴ : G 01 N 30/74

ELECTRONIC OIL CONTENT METER.

Applicant : INDIAN JUTE INDUSTRIES RESEARCH ASSOCIATION, OF 17 TARATOLLA ROAD, CALCUTTA-700088, WEST BENGAL, INDIA.

Inventor : SIBDAS ADHYA.

Application No. 989/Cal/1994 filed on 28th November, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

1 Claim

An electronic oil content meter for determining the oil content percentage of different jute fabrics utilizing capacity comparison of the oil solution as herein described, which comprises a lamp 2 powered by a stabilised power supply 1, a lens 3 on which the light from the lamp falls from one side to the converged and focussed through the contents of a test tube 7 containing the reference or sample solution, placed at a distance from the lens on its other side, an optical sensor and amplifier, calibrator 5 and a D.P.M for digital display 6. The apparatus is housed in a box like cylinder 8 with holes 4 for placing and manipulating the test tube.

Compl. Specn. 6 Pages;

Drgns. 1 Sheet.

Cl. 32 : (C)

182938

Int. Cl.⁴ : C 07 C 29/00, 37/00

A PROCESS FOR PRODUCING DRY ALKALI METAL ARYLOXIDE.

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors :

MICHAEL ROBERT SAMUELS.

RONALD M. YABROFF.

Application No. 567/Cal/97 filed on 31st March, 1997.

(Convention No. 60/015,000 on 08-04-96; 60/017,767 on 15-05-1996 and 60/033,161 on 13-12-1996 in U.S.A.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

8 Claims

A process for producing dry alkali metal aryloxiide, comprising finally removing water in a moment such as herein described from said alkali metal aryloxiide while said alkali metal aryloxiide is molten.

Compl. Specn. 19 Pages;

Drgns. 2 Sheets.

Cl. : 34 B

182939

Int. Cl.⁴ : C 08 B 1/00, 11/12, 17/06

AN IMPROVED PROCESS FOR PRODUCING SODIUM CARBOXY METHYL CELLULOSE (CMS) CONTINUOUSLY.

Applicant : JATINDER KUMAR ARAY, OF NPS BUSINESS CENTRE, 7A, K. S. ROY ROAD, 2ND FLOOR, CALCUTTA-700001, WEST BENGAL, INDIA. AND E. P. INDUSTRIAL & AGRO CHEMICALS PVT. LTD., OF F-12A, PHASE I, I.D.A. JEEDIMETLA, HYDERABAD-500855, ANDHRA PRADESH, INDIA.

Inventors :

JATINDER KUMAR ARYA.

MRS. CHANDER MOHINI ARYA.

Application No. 1452/Cal/97 filed on 6th August, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

4 Claims

An improved process for producing sodium carboxy methyl cellulose (CMC) continuously, characterised in that the process comprises the following steps in sequence :

- (a) feeding cellulose shred into mixer 21 of a standardised fluidised mixer, such as herein described;
- (b) stirring the cellulose shred by means of two stirrers 26 breakage of the lumps present in the cellulose shred;
- (c) spraying a mixture of alkali (NaOH)-water-solvent (alcohol) over the cellulose shred through sprayer 27;
- (d) circulating cold water through jacket 28 from tank 22 through inlet pipe 24 and outlet pipe 25 by means of pumps 23 for maintaining the temperature of the ingredients in mixer 21 at 28–32°C;
- (e) allowing the ingredients in mixer 21 to react for a period of 45–60 minutes for production of alkali (soda) cellulose;
- (f) spraying SMCA (sodium mono chloro acetate) over the ingredients in mixer 21 and stirring the ingredients, maintained at 30–35°C, for 45–60 minutes;
- (g) transferring the ingredients from mixer 21 to mixer 21' of the standardised fluidised mixer;
- (h) circulating hot water at a temperature of 80–90°C through jacket 28' of mixer 21' from tank 22' through inlet pipe 24' and outlet pipe 25' by means of pump 23' for maintaining the temperature of the ingredients in mixer 21' at 55–65°C to allow formation of CMC at an increased rate by substitution reaction between alkali (soda) cellulose and MCA/SMCA with reduced formation of side products like sodium glyconate which causes increased consumption of MCA/SMCA and hence raises the cost of the process;
- (i) stirring the ingredients in mixer 21' for 90–120 minutes; and

- (j) transferring the ingredients from mixer 21' to a vacuum drier for removing the solvent (alcohol) present in the ingredients to produce CMC of highly uniform quality.

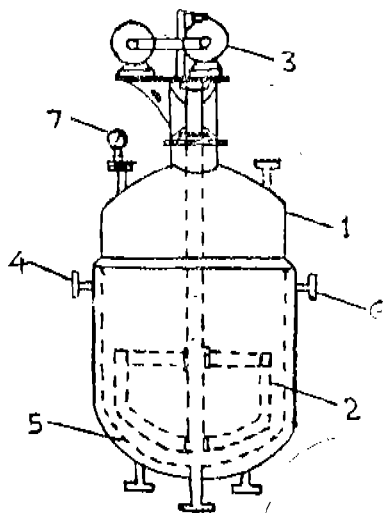


Fig. 1

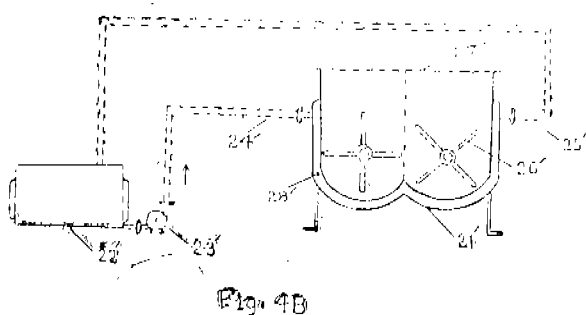


Fig. 4B

Compl. Specn. 9 Pages;

Drgns. 2 Sheets.

Cl. : 32 F 4
55 E 2, E 4

182940

Int. Cl.⁴ : A 61 K 31/38
C 07 D 333/52

A PROCESS FOR PREPARING AN AMORPHOUS FORM OF BENZOTHIOPHENES.

Applicant : ELI LILLY AND COMPANY, OF LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Inventors :

GEORGE WILLIAM CUFF.
ARVIND LAVJI THAKKAR.

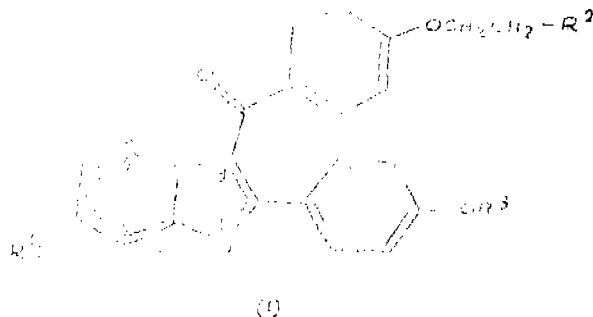
Application No. 1549/Cal/97 filed on 22nd August, 1997.

(Convention No. 60/024,831 on 28th August, 1996 in U. S.A.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

7 Claims

A process for preparing an amorphous form of a compound of formula I



wherein :

R¹ and R² are independently hydrogen, -CH₃, -CO(C₁-C₆ alkyl), or -COAr, wherein Ar is optionally substituted phenyl;

R³ is selected from the group consisting of pyrrolidinyl, hexamethyleneimino, and piperidinyl; or a pharmaceutically acceptable salt or solvate thereof;

which comprises preparing a 5 mg/mL to 40 mg/mL solution of a crystalline form of a compound of formula I in a suitable solvent, and then spray drying said solution at a temperature between 75°C and 150°C to recover an amorphous form of a compound of formula I.

Compl. Specn. 33 Pages;

Drgns. Nil.

Ind. Cl. : 170 A [XLIII (4)]

182941

Int. Cl. : C 11 D, 13/08

PROCESS FOR THE PRODUCTION OF A HIGH BULK DENSITY DETERGENT COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA.

Inventor : UNILEVER PLC.

Application No. 532/Bom/94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, Bombay-400 013.

10 Claims

A process for the production of a high bulk density particulate detergent composition or component thereof containing a fluorescer which comprises mixing the fluorescer with a liquid component as herein described of the composition or component to form a fluorescer mixture and mixing the fluorescer mixture with a solid component as herein described of the composition or component whereby a particulate detergent composition or component is produced.

Compl. Specn. 21 Pages;

Drgns. Nil.

Ind. Cl. : 179 G, 99 C
Int. Cl. : B 65D 49/12, 49/02

182942

A PILFER PROOF CONTAINER.

Applicants : PRESTIGE HM-POLYCONTAINERS LTD.,
8, SHREYAS BLDG, OPP AIR INDIA, NARIMAN POINT,
BOMBAY-400 020, MAHARASHTRA INDIA.

Inventor : PUSHP KUMAR GUPTA.

Application No. 569/Bom/1994 filed Nov 30, 1994.

Complete after provisional left on Apr 17, 1995.

Divisional to application No. 254/Bom/95 & 255/Bom/95,
dt. 5-6-95..

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rules, 1972), Patent Office Branch, Mumbai-
400 013.

6 Claims

1. A pilfer proof container for storing materials having a cylindrical body made of thermoplastic synthetic material or metal comprising :

a cylindrical decanting and a cylindrical air venting bung placed near the top end of the said container, each said bung having a lower portion, an upper portion and a detachable central cap :

a pair of spring actuated locking means fitted in the lower portion of the said decanting as well as an air venting bung.

a pair of holes or cavities near the top end of the said container conforming to the diameter of the lower portion of the said bung for air tight insertion of lower portion of the said bungs into the container while the upper portion of the said bungs protrudes out while the said spring actuated locking means locking the said bungs in the said container thereby forming an air tight pilfer proof container.

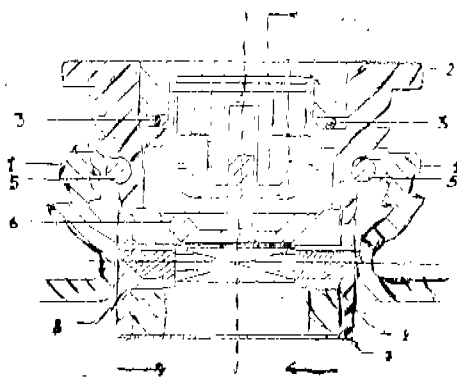
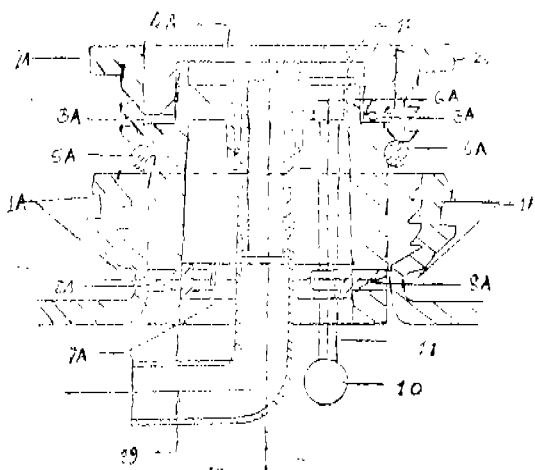


FIGURE - 2



Compl. Specn. 16 Pages;
Prov. Specn. 7 Pages;

Drgs. 13 Sheets.
Drgs. Nil.

Ind. Cl. : 134 B [LII (1)]

182943

Int. Cl. : B 66 F, 1/04; B 66 F, 7/12

A MOTORISED JACK DEVICE.

Applicants : PRABHA ENGINEERING PRIVATE LIMITED 36 MIDC, CENTRAL ROAD, ANDHERI (EAST),
BOMBAY-400093, MAHARASHTRA, INDIA.

Inventor : JAYAWANT YASHWANT CHAPHEKAR.

Application No. 190/Bom/95 filed on 18-4-95.

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rules, 1972), Patent Office Branch, Mumbai-
400 013.

4 Claims

1. A motorised jack device consisting a mechanical jack, a geared reversible electric motor whose shaft is coupled to the driven end of the mechanical jack and an up-off-down positions switch connected to the motor and connectable to an electric power source.

Compl. Specn. 7 Pages;

Drgs. 5 Sheets.

Ind. Cl. : 32 F₈ (b), Gr. [IX(1)]
55 E₄, Gr. [XIX(1)]

182944

Int. Cl. : C 07 D - 471/04

A PROCESS FOR THE PREPARATION OF THE ANTI-
PSYCHOTIC AGENT 3-[2-[4-(6-FLURO-1, 2-BENZISOXA-
ZOL-3-YL)-1-PIPERIDINYL] ETHYL]-6, 7, 8, 9-TETRA-
HYDRO-2-METHYL-4H-PYRIDO [1, 2-a] PYRIMIDIN-4-
ONE (RISPERIDONE).

Applicants : SEARLE (INDIA) LIMITED, AN INDIAN
COMPANY HAVING ITS REGISTERED OFFICE AT 21D
SUKHADVALA MARG, MUMBAI-400 001, MAHARASH-
TRA, INDIA.

Inventors :

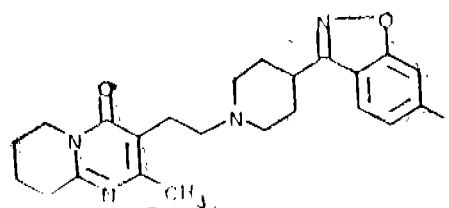
- (1) DR. KRISHNA KUMAR MAHESHWARI.
- (2) DR. TARUR VENKATASUBRAMANIAN
RADHAKRISHNAN.
- (3) DR. DHANANJAY GOVIND SATHE.

Patent Application No. 564/Bom/97 filed on 26-09-97.

Appropriate Office for Opposition Proceedings (Rule 4,
Patent Rules, 1972), Patent Office Branch, Mumbai-
400 013.

11 Claims

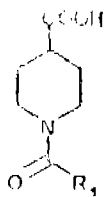
1. A process for the preparation of the antipsychotic agent
3-[2-[4-(6-fluoro-1, 2-benzisoxazol-3-yl)-1-piperidinyl] ethyl]-6,
7, 8, 9-tetrahydro-2-methyl-4H-pyrido [1, 2-a] pyrimidin-4-
one (Risperidone) of the formula 1 :



Formula 1

which consists of :

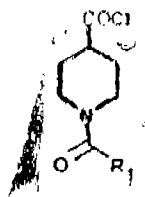
(i) reacting 1-acyl isonipecotic acid of the formula II :



Formula II

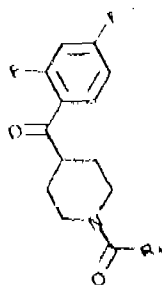
wherein R_1 is H or lower alkyl containing 1-3 carbon atoms or lower alkoxy containing 1-3 carbon atoms with stoichiometric quantity of thionyl chloride in a chlorinated solvent using catalytic amount of a phase transfer catalyst at reflux temperature of the solvent :

(ii) Friedel Craft's acylation of the 1-acyl isonipecotyl chloride of the formula III :



Formula III

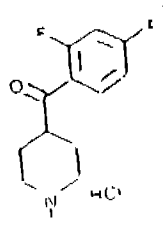
contained in the reaction mixture wherein R_1 is as defined above in situ with 1, 3-difluorobenzene in the presence of aluminium chloride at 15 to 90°C and isolating from the reaction mixture the 1-acyl-4-(2, 4-difluorobenzoyl) piperidine of the formula IV :



Formula IV

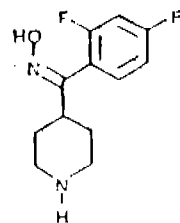
wherein R_1 is as defined above

(iii) deprotecting the 1-acyl-4-(2, 4-difluorobenzoyl) piperidine of the formula IV by refluxing with hydrochloric acid and isolating from the reaction mixture the (2, 4-difluorophenyl) (4-piperidinyl) methanone hydrochloride of the formula V :



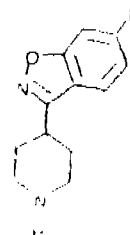
Formula V

(iv) oximating the (2, 4-difluorophenyl) (4-piperidinyl) methanone hydrochloride of the formula V with hydroxylamine hydrochloride in a solvent and an organic base at reflux temperature of the solvent and isolating from the reaction mixture (2, 4-difluorophenyl) (4-piperidinyl) methanone oxime of the formula VI :



Formula VI

(v) cyclising the (2, 4-difluorophenyl) (4-piperidinyl) methanone oxime of the formula VI with an aqueous alkali at the boiling point of water and isolating from the reaction mixture 6-fluoro-3-(4-piperidinyl)-1, 2-benzisoxazole of the formula VII :



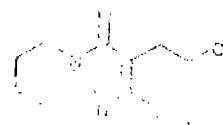
Formula VII

(vi) and condensing 6-fluoro-3-(4-piperidinyl)-1, 2-benzisoxazole of the formula VII :



Formula VII

with 3-(2-chloroethyl)-6, 7, 8, 9-tetrahydro-2-methyl-4H-pyrido [1, 2-a] pyrimidin-4-one of the formula VIII :



Formula VIII

in the presence of an alkali metal carbonate and catalytic amount of a metal iodide in a solvent at 80 to 100°C.

Ind. Cl. : 883 B₁, B₆

182945

Int. Cl. : B 23 B - 4/00, 4/08

A PROCESS FOR PRESERVATION OF PERISHABLE FOODS TYPICALLY SEAFOODS.

Applicants : GANESH BENZOPLAST LTD., 145-A, DR. VIEGAS STREES, KALBADEVI, MUMBAI-400 002, MAHARASHTRA, INDIA.

Inventors :

- (1) RAMAKANT SHANKARMAL PILANI,
- (2) DAYANAND YASHWANT SURHTHANKAR.

Application No. 662/Bom/1997 filed on Nov. 11, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

A process for preservation of perishable foods, typically seafoods, comprising adding to water in a ratio of 500-2000 ppm a homogeneous mixture of a carboxylic acid or its derivatives and an antioxidant, freezing the water to form ice and adding the ice so prepared in the perishable foods.

Compl. Specn. 18 Pages;

Drgs. 1 Sheet.

Ind. Cl. : 55 E2+E4

182942

Ind. Cl. : A 61 K, 33/00

THE PROCESS FOR MANUFACTURING FORMULATION OF TOPICAL BETA BLOCKERS WITH IMPROVED EFFICACY.

Applicant & Inventor : DR. BAKULESH MAFATLAI, KHAMAR 201, 'ASHADHA', VASUNDHARA COLONY, GULABI TEKRA ELLISBRIDGE, AHMEDABAD-380 006, GUJARAT, INDIA.

Application No. 699/Bom/1977 filed Dec 2, 1997.

Complete after Provisional Left Nov. 30, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

1. A process of manufacturing of formulation of topical beta blockers with improved efficacy comprising the following steps;

- (i) (a) Making aqueous solution of Beta-blocker with or without physiologically acceptable excipients, buffers and preservatives.
- (b) Making a gel of known gel forming substance with or without physiologically acceptable buffers and preservatives in a separate vessel.
- (ii) Adding aqueous solution of Beta-blockers at step i (a) into a prepared gel of step i (b) while stirring slowly.
- (iii) Adjusting the pH and volume before finally autoclaving and packaging.

Compl. Specn. 9 Pages;

Drgns. Nil.

Ind. Cl. : 55 E₄ Gr. [XIX (1)]

182947

Int. Cl. : A 61 K - 31/195

A PROCESS FOR THE PREPARATION OF THE ANTI-CANCER DRUG N-[4- {[2, 4-DIAMINO-6-PTERIDINYL) METHYL] METHYLAMINO} BENZOYL]-L-GLUTAMIC ACID COMPANY KNOWN AS METHOTREXATE AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.

Applicants : DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA, ANUSHAKTI BHAVAN, CHATRAPATI SHIVAJI MAHARAJ MARG, MUMBAI-400 039, MAHARASHTRA, INDIA.

Inventors :

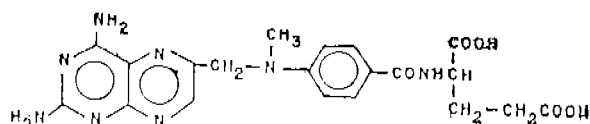
- (1) DR. ASHOK JAGANATH AMONKAR.
- (2) DR. ULHAS KASHINATH GANU.
- (3) DR. MANOHAR ATMARAM INDAP.

Patent Application No. 236/Bom/98 filed on 22-04-98.

Appropriate Officer for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

2 Claims

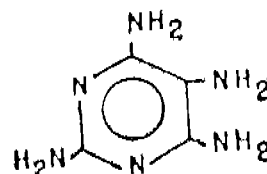
A process for the preparation of the anti-cancer drug N-[4- {[2, 4-diamino-6-pteridiny] methyl] methylamino) benzoyl]-L-glutamic acid of the formula 1 :



Formula 1

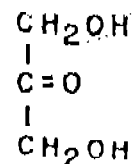
and pharmaceutically acceptable salts thereof which comprises :

- (a) condensing 2, 4, 5, 6-tetraaminopyrimidinesulphate of the formula 2 :



Formula 2

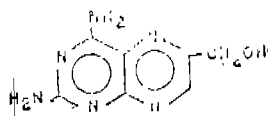
as its hydrochloride with dihydroxyacetone of the formula 12 :



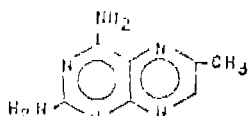
Formula 12

in the molar ratio 1 : 2 in the presence of L-cysteine hydrochloride and sodium acetate solution at a pH of 5-5.25 and at 20-25°C to obtain an isomeric mixture of 6-hydroxymethyl 2,

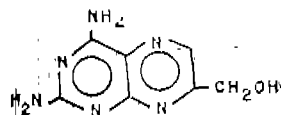
4-diaminopteridine, 6-methyl 2, 4-diaminopteridine, 7-hydroxy-methyl 2, 4-diamino pteridine and 7-methyl 2, 4- diaminopte-ridine of the formulae 8, 9, 10 and 11 respectively :



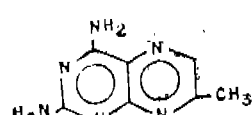
Formula 8



Formula 9

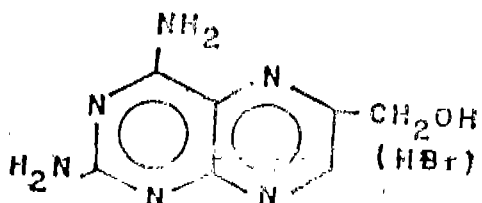


Formula 10



Formula 11

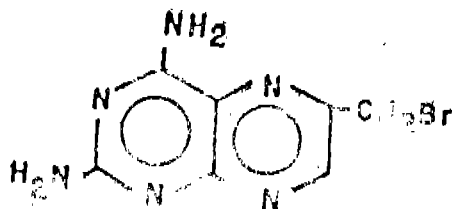
(b) selectively precipitating the 6-hydroxymethyl 2, 4-diami- nopteridine hydrobromide of the formula 16 :



Formula 16

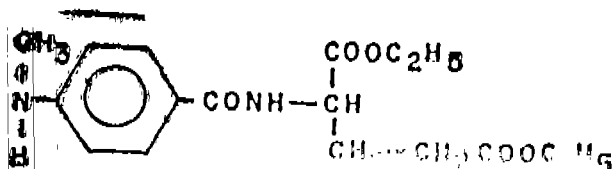
by dissolving the isomeric mixture in 0.58 to 0.6 molar solu- tion of ethanolic hydrobromide at room temperature of 30- 35°C,

(c) brominating the 6-hydroxymethyl 2, 4-diaminopteridine hydrobromide of the formula 16 with dibromotriphenyl phos- phorane prepared by adding bromine to triphenyl phosphine in dichloromethane in the molar ratio 1 : 0.4-0.45 at 20-25°C. to obtain 6-bromomethyl 2, 4 diaminopteridine hydrobromide of the formula 13 :



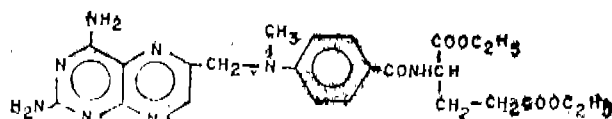
Formula 13

(d) condensing the 6-bromomethyl 2, 4-diminopteridine hydrobromide of the formula 13 with diethyl-N-methyl p-ami- nobenzoyl L-glutamate of the formula 14 :



Formula 14

in d methyl-N-acetamide in the molar ratio 1 : 1.1-1 : 1.8 at 50-55°C to obtain diethyl N-[4-([2, 4-diamino-6 pteridinyl) methyl] methylamino} benzoyl -L-glutamate of the formulae 15 :



Formula 15

(e) and hydrolysing the diethyl N-[4-([2, 4-diamino-6-pterid- inyl) methyl] methylamino} benzoyl -L-glutamate ester of the formula 15 with alcoholic alkali at 30-35°C to obtain compound of the formulae 1;

(f) and if desired converting the compound of the formula 1 into pharmaceutically acceptable salts thereof by treating with an aqueous alkali and lyophilising the salts.

Compl. Specn. 27 Pages;

Drugs. Nil.

Ind. Cl. : 55 E2+E4 [XIX (1)]

182948

Int. CL : A 61 K, 37/43

A PROCESS OF PREPARING A SYNERGESTIC PHARMACEUTICAL COMPOSITION FOR PROPHYLAXIS OR TREATMENT OF CANCER.

Applicants : SELLERS, EDWARD, M OF 78 BABY POINT CRESCENT, TORONTO, ONTARIO M68 CANADA CANADIAN NATIONAL AND TYNDALE, RACHEL, F OF # 5-28 BRUNSWICK AVENUE ONTARIO M5S, CANADA.

Inventors :

SELLERS.

EDWARD.

M. TYNDALE.

Application No. 466/Bom/98 dated 17-7-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

5 Claims

A process of preparing a synergistic pharmaceutical compo- sition for prophylaxis or treatment of cancer induce by car- cinogens which are formed from procarcinogens by metabolic conversion comprising and effective amount of a substance which selectively inhibits CYP2A6 and/or an effective amount of CYP2B6 and/or a pharmaceutically accepted carrier diluent or excipient consisting of mixing the said inhibitor from 1 to 90% & pharmaceutically acceptable carrier from 99% to 10%.

Compl. Specn. 92 Pages;

Drugs. 62 Sheets.

Ind. Cl. : 83 B.

182949

Int. CL : A 23 B-9/00, A 21 D-4/00.

PROCESS AND DEVICE FOR INSTANT STERILIZA- TION OF FOOD CEREALS, PULSES AND THE LIKE.

Applicants : M/s. KUMKUM FOOD PRODUCTS LTD., PLOT B-9, M.I.D.C. PHASE II, SAGAON, DOMBIVLI (E), MAHARASHTRA 421 204, INDIA.

Inventor : MAHENDRA GAJA.

Application No. 492/Bom/98 filed on July 31, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, Mumbai-13.

8 Claims

A process for instant sterilization of food cereals; pulses and the like comprising the following steps :—

- (a) loading cleaned food grains like cereals, pulses in the chamber with controlled air flow to remove the dust and other light impurities;
- (b) creating vacuum in the range of 700 mm to 140 mm in the said chamber so that cleaned dust free food grains are subjected to vacuum treatment;
- (c) treating the food grains with gas or fumigants or mixture of gases and fumigants such as thylene oxide, methyl bromide, carbon di-oxide ethylene di-bromide, aluminium phosphide, carbon monoxide.
- (d) curing the food grains of step (c) for 4 hrs to 40 hrs; releasing the vacuum from 400 m to 240 mm.
- (e) supplying the treated food grains of step (d) with fresh air to release the vacuum completely;
- (f) air washing the food grains of step (e) with fresh air for 10 min. to 40 min.

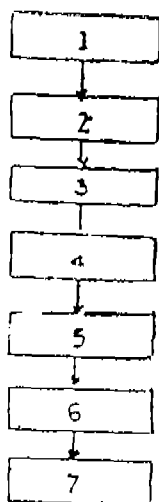


FIG-1

(Compl. Specn. 13 pages;

Drgns. 3 sheets)

Ind. Cl. : 83 A₁ [XIV (5)].

182950

Int. Cl. : A 23 J-1/14.

A PROCESS OF DEVELOPING DIETARY FIBRE FROM SOYA HULL.

Applicants : SONIC BIOCHEM EXTRACTIONS PVT. LTD. 38, PATEL NAGAR, INDORE, MADHYA PRADESH-452 001, INDIA.

Inventors :

1. SHRIKISHAN CHOITHRAM MATLANI
2. GIRISH MATLANI

Application No. 614/Bom/95 filed on 22nd September, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

4 Claims

A process of developing dietary fibre from soya hull a comprising the following steps :—

- (i) Cleaning the soya beans to remove trash, dust, stones;
- (ii) Grading the cleaned soya beans of step (i) to remove immature and broken seeds;
- (iii) Cracking the good quality healthy soya seeds obtained from step (ii);
- (iv) Dehulling the cracked soya seeds by the process of aspiration;
- (v) Bittering the hulls obtained from step (iv) to remove the meat and seed dust and gain passed through aspiration systems to obtain clean, pure hulls;
- (vi) Pulvarising the clean hulls to requisite particle size (80—100 mesh size);
- (vii) Subjecting the finely powdered clean hulls of step (vi) to light alcoholic leaching for 30 min. At 30—40°C to remove colouring matter, some soluble carbohydrates, flavonoids & fats;
- (viii) Centrifuging the mixture to remove the solvent and separating the soya fibre;
- (ix) Drying the separated soya fibre in fluidised bed & distilling the solvent for recycle;
- (x) Packing the dried, cooled soya fibre in sterilized in poly laminated plastic bags of various weights.

(Compl. Specn. 10 pages;

Drgns. nil)

Ind. Cl. : 206 B.

182951

Int. Cl. : H 04 N 7/12.

AN OPERATION CENTER FOR A VIDEO-AUDIO PROGRAM DELIVERY SYSTEMS.

Applicant : DISCOVERY COMMUNICATIONS, INC., OF 7700 WISCONSIN AVENUE, BETHESDA, MD 20814-3522, UNITED STATES OF AMERICA.

Inventors :

1. JOHN SAMUEL HENDRICKS
2. RICHARD EARL WUNDERLICH

Application No. 1010/Cal/94 filed on 2nd December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

22 Claims

An operation center for a video-audio program delivery system, wherein the operations center receives a plurality of programs from external sources, stores one or more of the received programs, generates a program schedule, and causes program identities and at least one of the stored programs to be sent to one or more remote sites, comprising :

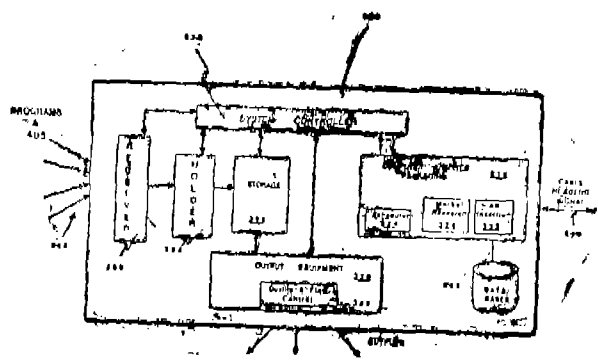
a receiver, for receiving a plurality of programs provided from a plurality of external sources wherein one or more of the provided programs is individually identified;

a storage device, connected to the receiver, for storing at least one of the received and identified programs for subsequent retrieval;

a system controller, connected to the receiver and storage device, for providing communication and control;

a CAP, connected to the system controller, for generating a program schedule comprising program identities and a associated time for sending one or more of the stored programs to a remote site; and

output equipment, connected to the system controller and storage device, for sending program identities and programs to one or more remote site, wherein the program identities are included in the program schedule and wherein the output equipment obtains one or more of the stored programs identified in the program schedule from the storage device to send to the remote sites.



(Compl. Specn. 58 pages;

Drgns. 8 sheets)

Ind. Cl. : 128 A.

182952

Int. Cl.⁴ : A 61 L 15/01, A 61 N 5/12.

A GAMMA RADIATION STERILIZABLE COMPOSITE NON-WOVEN FABRIC.

Applicant : FIBERWEB NORTH AMERICA, INC., OF 840 S. E. MAIN STREET, SIMPSONVILLE, SOUTH CAROLINA 29681, UNITED STATES OF AMERICA.

Inventors :

1. DEBORAH K. LICKFIELD
2. MARK H. S. BERMAN
3. ROBERT F. HYSLOP
4. ANDREW R. OLESZCZUK
5. SCOTT L. GESSNER
6. JARED A. AUSTIN

Application No. 1013/Cal/94 filed on 5th December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

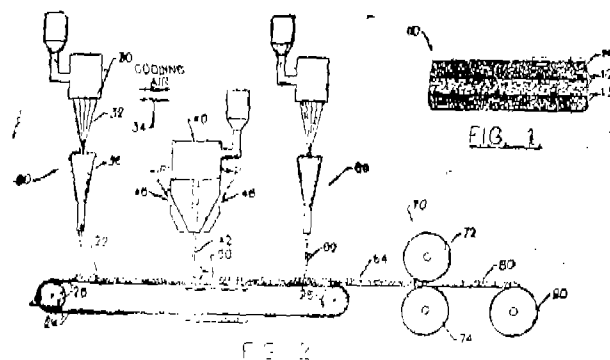
A gamma radiation sterilizable composite nonwoven fabric comprising :

first and second spunbonded nonwoven webs formed of continuous multiconstituent filaments, said first and second spunbonded nonwoven webs defining opposite outer surface of the composite nonwoven fabric, the multiconstituent filaments of said first and second webs including a lower melting gamma radiation stable polyethylene polymer constituent such as herein described and a higher melting gamma radiation stable polymer constituent such as herein described, the lower melting gamma radiation stable polyethylene constituent being present over a substantial portion of the surface of the filament and the higher melting polymer constituent being in a substantially continuous form along the length of the filaments;

a third nonwoven web sandwiched between said first and second spunbonded nonwoven webs, said third nonwoven web comprising at least one hydrophobic microporous layer formed from a gamma radiation stable polyethylene polymer; and

a multiplicity of discrete point bonds throughout said composite fabric bonding said first, second and third webs together to form the composite nonwoven fabric, said discrete

point bonds comprising areas where the polyethylene constituent of said multiconstituent filaments and the polyethylene polymer of said third nonwoven web are fused together.



(Compl. Specn. 22 pages;

Drgns. 2 sheets)

Ind. Cl. : 136 E, 128 F G.

182953

Int. Cl.⁴ : A 61 J 1/00.

AN INFUSION CONTAINER WITH TWO CONNECTIONS.

Applicant & Inventor : BERND HANSEN, OF HEER-STRASSE 16, 74429 SULZBACH-LAUFEN, GERMANY.

Application No. 87/Cal/95 filed on 30th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

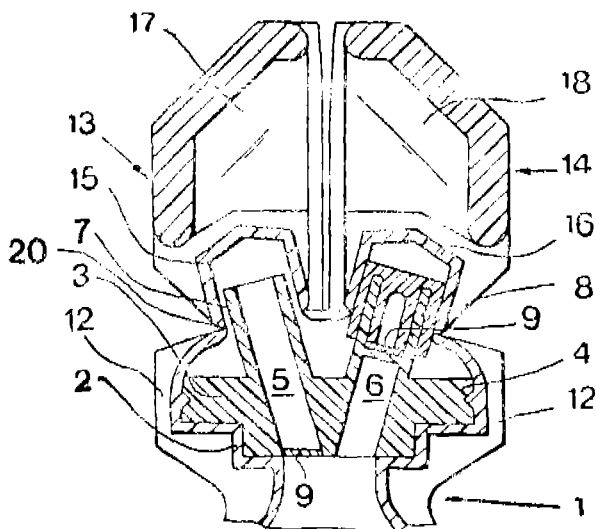
13 Claims

An infusion container with two connections comprising :

- (a) a neck (2; 102; 202)
- (b) a plug (3; 103; 203) inserted in the neck (2; 102; 202) and sealing the latter hermetically;
- (c) a form-locking connection of the plug (3; 103; 203) to the neck (2; 102; 202) in the longitudinal direction of the neck (2; 102; 202) by interengaging material parts such as annular slots and plug (4; 103; 204) of the plug (3; 103; 203) and neck (2; 102; 202);
- (d) a first connection port for supplying a medicament and a second connection port for the removal of the contents of the container, which are constructed in one piece with the plug (3; 103; 203) and from two projecting supports (7; 8; 107; 108; 207; 208) which are each connected to a conduit (5; 6; 105; 106; 205; 206) penetrating the plug (3; 103; 203);
- (e) a cover for the supports (7; 8; 107; 108; 207; 208) and the outside of the plug (3; 103; 203) remote from the inside of the container, which forms at least one protective cover (15; 16; 115; 215; 216; 315) which is securely connected to the end of the neck by way of a predetermined breaking point having a reduced wall thickness, characterized in that;
- (f) the neck (2; 102; 202) and the plug (3; 103; 203) comprise interengaging material parts in the form of at least one annular slot (4; 204) and at least one circumventive ribs (103') filling the annular slot (4; 204); and

- (g) that the protective cover (15; 16; 115; 215; 216; 315) is connected is one piece to a handle part and pressed flat zones (17, 18; 115; 218).

Fig 3



(Compl. Specn. 17. pages;

Drgns. 4 sheets)

Ind. Cl. : 196 B 2.

182954

Int. Cl.⁴ : B 60 H 1/24.

SENSOR SYSTEM FOR CONTROLLING VENTILATION SYSTEMS IN VEHICLES.

Applicant : AUTO ELECTRONICS CORPORATION, OF 11-34, DANGSANDONG 5 GA, YOUNGDEUNGPOGU, SEOUL 150-045, REPUBLIC OF KOREA.

Inventors :

1. HANNIS RUMP
2. NORBERT PIEPER
3. JORG HILLER
4. OLAF KIESEWETTER

Application No. 333/Cal/95 filed on 27th March, 1995.

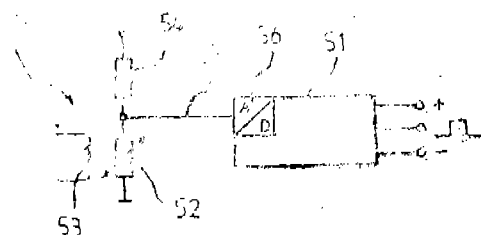
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

24 Claims

A sensor system to control ventilation systems in vehicles in recirculation mode and air input mode dependent on the pollution levels in the air outside the vehicle, said system comprising a gas sensor element (52), the electrical resistance of which sinks in presence of reducing gases and rises in presence of oxidising gases, and an evaluation unit (51) the output of which is connected to a controller of the ventilation system for switching between the ventilation mode and air input mode, characterised in that said gas sensor element (52) is a mixed oxide sensor, such as herein described, which is electrically connected to said evaluation unit, and is capable of generating an increase of signal fed into the evaluation unit following a rise in concentration of reducing gases, which is approximately quantitatively equivalent to fall in the gas sensor signal fed into the evaluation unit following a rise in the concentration of the oxidising gases, that said evaluation unit (51) is provided with a band pass unit (57) which allows only pre-selected bands of the signals

received from the gas sensor as measured by a centrally programmed computer means, whereby the evaluation unit is capable of generating switch signals to adjust the ventilation system to recirculation mode in the event of increase or decrease in the gas sensor signal per, unit time numerically exceeding a threshold limit, as measured through the said computer means, that the gas sensor element is optionally provided with a controller unit such as herein described to adjust the reactive sensitivity of the sensor, and that the evaluation unit is optionally provided with an electronic neural network and/or an electronic fuzzy logic unit such as described to register the rise and fall of gas sensor signals beyond a threshold limit and/or an electronic storage unit to store the peak point of the gas sensor signals and/or a timer unit to measure the operating periods of the ventilation system in air input mode and in recirculation mode.

Fig 8



(Compl. Specn. 33 pages;

Drgns. 11 sheets)

Ind. Cl. : 126 D.

182955

Int. Cl.⁴ : G 01 B 31/08.

AN APPARATUS FOR ELECTRICALLY TESTING A MULTICORE CABLE.

Applicant : MITSUBISHI CABLE INDUSTRIES, LTD., OF 8, NISHINOCHO, HIGASHIMUKAJIMA, AMAGASAKI-SHI, HYOGO-KEN 660, JAPAN.

Inventors :

1. TOHRU KASHIOKA
2. SHOGO TANNO
3. ETSURO MAMISHIN

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

An apparatus for electrically testing a multi-core cable (4) having a plurality of cores (3) which are each covered with an insulation cover layer, are collectively conducted at first ends (1) side thereof to a collective conducting part (10) and are isolated from one another at second ends (2) side thereof, said apparatus comprising :

a disc-shaped rotary member (6) having at an outer periphery thereof at least one groove (5) with which the cores (3) on the first ends (1) side are engageable one by one, the disc-shaped rotary member (6) relatively rotating and moving with respect to the collectively conducted cores (3) so as to pick them up by sequentially engaging them with the groove (5) one by one;

electric separating means (8) for electrically separating, from the collective conducting part (10), the picked-up core (3a) engaging with the groove (5) of the disc-shaped rotary member (6);

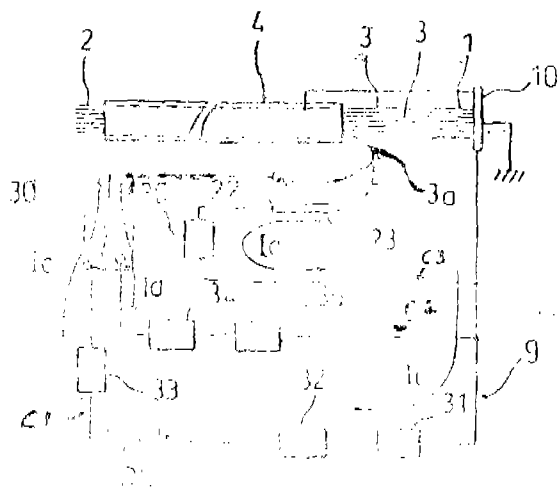
a blade electrode (22) provided along a path on which the disc-shaped rotary member (6) moves, said blade electrode (22) being capable of cutting the insulation cover layer of the electrically separated picked-up (3a) and being

contactable with a conductor of the electrically separated picked-up core (3a) by being elastically thrust toward the disc-shaped rotary member (6);

an intermittent operating motor (7) which intermittently operates for rotating and moving the disc-shaped rotary member (6) to contact by the picked-up core (3a) which has been electrically separated by the electric separating means (8) with the blade electrode (22), stopping the rotation and movement of the disc-shaped rotary member (6) for a set time while keeping the picked up core (3a) in contact with the blade electrode (22), and then rotating and moving the disc-shaped rotary member (6) again;

a charging circuit part (C1) for electrically charging the picked-up core (3a) through the blade electrode (22) within the set time when the disc-shaped rotary member (6) is stopped, said charging circuit part (C1) being connected to the blade electrode (22); and

a discharging circuit part (C2) for discharging the electric charge applied to the picked-up core (3a) by the charging circuit part (C1) within the set time when the disc-shaped rotary member (6) is stopped, said discharging circuit part (C2) being connected to the blade electrode (22).



(Compl. Specns. : 29 pages;

Drgns. : 5 Sheets)

Ind. Cl. : 146 D 1

1829566

Int. Cl.⁴ : G 02 B 26/00.

AN OPTICAL SWITCH FOR A MULTIPLEX TRANSMITTING AND RECEIVING SYSTEM.

Applicant : PHILIPS ELECTRONICS N.V., OF GROENEWOLDSEWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventors : COEN THEODORUS HUBERTUS FRANCISCUS LIEDENBAUM JOHN JAMES ELLIS REID.

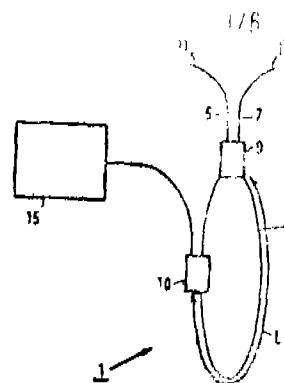
Application No. : 368/Cal/95 filed on 4th April, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

An optical switch for a multiplex transmitting and receiving system, such as herein described by way of example with reference to figures 1 to 4 of the accompanying drawings, comprising an optical wave-guiding structure 3 in the form of an annular optical fibre whose refractive index is variable by means of light intensity, at least an entrance gate 11 to which a signal can be applied, at least an exit gate 13 through which the output signal of the switch is delivered, a directional coupler 9 the two ends of which are interconnected to form gates 11 and 13, radiations

source unit 15 whose radiation can be injected into the wave-guiding structure 3, the radiation source unit comprising at least a pulsed laser 17 for supplying a pulse series having a repetition time T and a pulse duration P, and a medium 19 for transporting the radiation supplied by the laser to the wave-guiding structure 3 through coupler 10, characterized in that the radiation source unit 15 is provided with setting means 21 for stabilizing the wavelength of the pulsed laser 17 at a number n of selected wavelength bands from a number N of possibly selectable wavelength bands within one and the same pulse supplied by the pulsed laser 17, and in the medium 19 is dispersive with a wavelength-dependent travel time t_D in which the wavelength bands, upon transport, are separable in time as result of dispersion.



(Compl Specns. : 30 pages;

Drgns. : 6 Sheets)

Ind. Cl. : 64 B 2

182957

Int. Cl.⁴ : H 05 K 3/32

H 01 R 13/40, 13/62.

INSTALLATION FIXTURE FOR RIGHT ANGLE ELECTRICAL CONNECTOR ASSEMBLY.

Applicant : CONNECTOR SYSTEMS TECHNOLOGY N.V., OF JULIANAPLEIN 22, CURACAO NETHERLANDS ANTILLES.

Inventors :

- (1) STEPHEN LARRY CLARK,
- (2) GLENN J PONTIUS.

Application No. : 464/Cal/98 filed on 19th March, 1998.

(Divided out of Appln. No. 984/Cal/94 antdated to 25th November, 1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

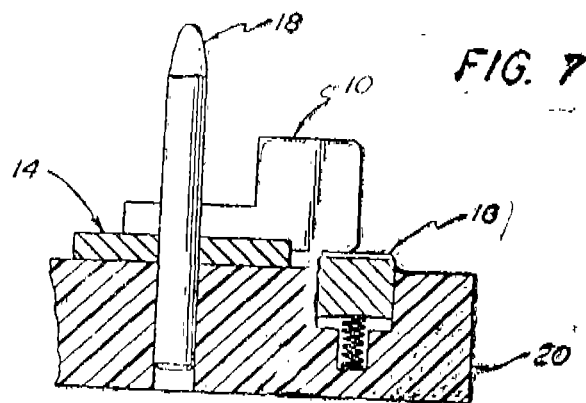
3 Claims

An installation fixture for a right angle electrical connector assembly for installing contact pins of said connector into respective contact holes in a mounting substrate comprising :

- (a) a fixture plate (20);
- (b) at least one location pin (18), extending upward from said fixture, plate for insertion through mutually aligned alignment holes of a mounting substrate (14) and connector; and
- (c) a resilient pad providing surface onto which rests a section of the connector (10) extending beyond an end of said mounting substrate, whereby said

connector is prevented from tipping as its contact pins are inserted into contact holes of the mounting substrate (14);

thereby ensuring that the connector can move in a vertical plane during installation.



(Compl. Specn. : 13 pages;

Drgns. : 6 sheets)

Cl. : 24 F.

182958

Int. Cl.⁴ : B 61 H 1/00.

A BRAKE DEVICE FOR RAIL VEHICLE.

Applicant : ABB PATENT GMBH, of KALLSTADTER STR. 1, D-68309 MANNHEIM, GERMANY.

Inventor : LUTZ SCHWENDT.

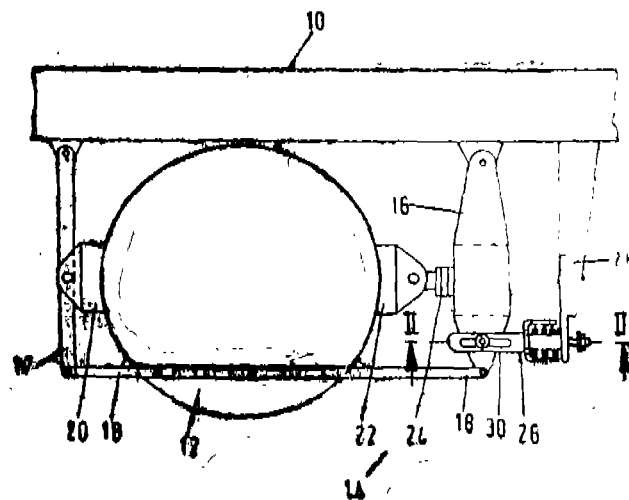
Application No. 662/Cal/95 filed on 12th June, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A brake device (14) for rail vehicle, in particular rail traction vehicle which is allocated in each case to a wheel (12) and is formed from a 4-bar linkage frame linked to the vehicle (10) and in each case laterally enclosing the allocated wheel (12) with lateral frame supports (16, 17) which are coupled to one another in an articulated manner via a cross-piece (18) and are provided with brake blocks (20, 22) which are pivotably fastened thereto and interact with the allocated wheel (12), and a servo-unit (24) arranged on one lateral frame support (16) (sic) and intended for guiding and loading the brake blocks (20, 22) against the allocated wheel (12), characterised in that the frame support (16) is connected in a horizontally movable manner to a fixed projection (28) of the vehicle (10) by means of a sliding guide 26, a spring device 42 disposed in a sliding path so that when the servo-unit 24 is relieved of load, said spring device 42 allows frame-support 16 to occupy a position in which the brake blocks 20, 22 are lifted from the allocated wheel 12.

Fig. 1



(Compl. Specn. 11 pages;

Drgns. 1 sheet)

Cl. : 64 B 1.

182959

Int. Cl. : H 01 R 9/24.

TERMINAL ELEMENT.

Applicant : KRONE AKTIENGESSELLSCHAFT, OF 14167 BERLIN, GERMANY.

Inventors :

1. DIETER GERKE
2. MANFRED MULLER
3. HARALD BULOW

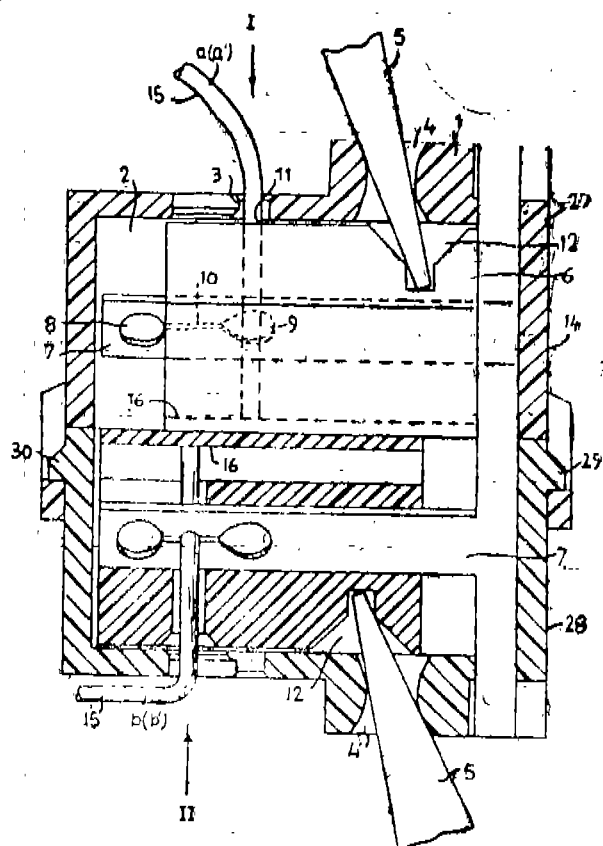
Application No. 724/Cal/95 filed on 26th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A terminal element comprising electrical contacts in insulation displacement technique in chambers of a receiving part for the stripless connection of conductors, comprising openings for receiving the electrical conductors, characterized in that the receiving part (1) comprising at least one opening (3) for introduction of a conductor (15) in chamber (2) of which is inserted at least one sliding part (6) surrounding a part of the insulation displacement contact elements (7) disposed in the chamber (2), the sliding part (6) having an opening (11) coinciding in at least one position (1) of the sliding part (6) with the opening (3) in the receiving part (1), with the opening (11) in the chamber (2) and with the bore holes (8,9) of contact slot (10) of one of the insulation displace-

ment contact elements (7) and that the sliding part (6) comprises a device (12) accessible from outside for moving the sliding part (6).



(Compl. Specn. 8 pages;

Drgns. 5 sheets)

Cl. : 83 B 3.

182960

Int. Cl. : A 23 L 1/20.

A PROCESS FOR PRODUCING RECONSTITUTABLE, DEHYDRATED WHOLE LENTILS.

Applicant & Inventors : STERNER MARK HENRY, OF 5553 WENTWORTH DRIVE, RIVERSIDE CALIFORNIA 92505, U.S.A. STERNER MARK MATTHEW, OF 1772 MELQUA ROAD, ROSEBURG, OREGON 97470, U.S.A. AND ZANE RONALD SUI ON, OF 5553 WENTWORTH DRIVE, RIVERSIDE, CALIFORNIA 92505, UNITED STATES OF AMERICA.

Application No. 1921/Cal/97 filed on 14th October, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A process for producing reconstitutable, dehydrated, whole lentils, comprising in combination the steps of :—

- (a) providing a quantity of uncooked, dry lentils having a cotyledon inner seed and a pericarpouter covering of a generally lens shape with a pair of opposing sides;
- (b) tempering the lentils by immersion in water for a period of time sufficient for the lentils to absorb water to reach from about 125% to about 225% of original weight draining remaining excess water from the lentils and allowing the lentil to stand for a time sufficient to acquire a moisture content substantially equilibrated throughout the lentils;

(c) cooking the lentils in a steam environment such as herein described for a period of time sufficient to soften the lentils;

(d) cracking the pericarp outer covering of the cooked lentils by passing between two opposing smooth rollers having a gap there between sufficient to crack said covering without exposing the cotyledon inner seed; and

(e) dehydrating the cooked lentils having the cracked pericarp outer covering.

(Compl. Specn. 10 pages.

Drgns. 3 sheets)

Ind. Cl. : 123 I(4).

182961

Int. Cl. : A 01 C, 21/00.

A PROCESS FOR MANUFACTURING A SLOW RELEASE UREA FERTILIZER BY NITRIFICATION INHIBITION.

Applicants : RASHTRIYA CHEMICALS & FERTILIZERS LTD., "PRIYADARSHINI", EASTERN EXPRESS HIGHWAY, BOMBAY-400 022, MAHARASHTRA, INDIA.

Inventors :

1. MAHAJAN SHANTARAM YESHWANT
2. KALYANRAMAN MEENAKSHISUNDARAM
3. DATTA KAMALESH CHANDRA
4. GAWADE SATYAVIKAS NARAYAN.

Application No. 192/Bom/95 filed on 14th April 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A process for manufacturing a slow release urea fertilizer comprising the steps of :

dissolving 2 Mercaptobenzimidazole in a suitable organic solvent such as acetone to form a coating solution;

moistening urea particulates with the coating solution;

removing the excess solvent in an evaporator, typically a rotaevaporator;

drying the moistened urea particulars in an oven.

(Prov. Specn. 6 pages;

Drgs. 1 sheet)

(Compl. Specn. 7 pages;

Drgs. 1 sheet)

Ind. Cl. 83 A 1[XIV(5)].

182962

Int. Cl. A 61 K 37/48.

A PROCESS FOR THE ENZYMATIC LIQUEFACTION OF UNCONVENTIONAL FRUITS.

Applicant : BHABHA ATOMIC RESEARCH CENTRE, TROMBAY, MUMBAI-400 085, MAHARASHTRA, INDIA.

Inventors :

1. VASANT NARAYAN PAWAR
2. DR. SHARAD RAMCHANDRA PADWAI. DESAI
3. DR. ARUN GOVINDRAO BEHERE
4. DR. PARAMESHWARAN PILLAI MADHUSUDAN NAIR

Application No. 209/Bom/95 filed on 2nd May 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

4 Claims

A process for enzymatic liquefaction of unconventional fruits consisting of treating processable material obtained from the fruits with 5 to 10% of a pectinolytic enzyme complex comprising Polygalacturonase (PG), Pectin esterase (PE) and Pectin lyase (PL) in the ratio PG : PE 475 to 500 and PG : PL 3000 to 3200 quotients and having pH 3 to 5 followed by centrifugation of the resulting homogeneous mass to separate juice and pomace.

(Compl. Specn. 15 pages;

Drgs. nil)

Int. Cl. B 01 D, 23/06.

182963

Ind. Cl. : 136 A (XIII), 80 A (VI).

METHOD OF PRODUCING A HOLLOW BODY WITH AN INTERNAL SUPPORTING FRAME & A HOLLOW BODY PRODUCED THEREBY.

Applicant : FILTERWERK MANN + HUMMEL GMBH OF HINDENBURGSTR 37—45, POSTFACH 409, 71631 LUDWIGSBURG, GERMANY.

Inventors :

1. MR. HEINZ ANDRESS
2. Mr. ARTHUR KLOIZ
3. MR. ARNOLD KUHN

Application No. 235/Bom/95 filed 24th May 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

7 Claims

Method of producing a hollow body with an internal supporting frame 10 and a housing 14, comprising placing the supporting frame in a blowing mould; pulling the plastic housing over the supporting frame; closing the mould in which supporting frame is situated and introducing compressed air while placing the housing against the contour of mould wherein at least the housing 14 consists of plastic and the supporting frame 10 is connected with the housing 14 on at least two contact points, and wherein the supporting frame 10 is inserted into a blow molding method, is guided over the supporting frame 10 and is connected with the supporting frame 10 to form a unit by means of the closing of the mould 15.16.

(Compl. Specn. 11 pages;

Drgs. 4 sheets)

Ind. Cl. : 31 C [LVIII (2)].

182964

Int. Cl. : H 01 C-1/14.

A VARIABLE RESISTOR AND A METHOD OF MAKING THE SAME.

Applicant : PHILIPS INDIA LIMITED BLOCK A, SHIVSAGAR ESTATE, DR. ANNIE BESANT ROAD, MUMBAI-400 018, MAHARASHTRA, INDIA.

Inventors :

1. NITIN KSHIRSAGAR
2. VIDYUT BAPAT

Application No. 242/Bom/85 filed on 29th May 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A variable resistor consisting of a track provided on one surface of an insulating material base, the track comprising a terminals layer and an interrupted resistive layer of a low resistive material and a continuous resistive layer of high resistive material.

(Compl. Specn. 11 pages;

Drgs. 4 sheets)

Ind. Cl. : 80 I [VI].

182965

Int. Cl. : G 01 F, 15/12.

FLUID FILTER.

Applicant : FILTERWERK MANN + HUMMEL GMBH, HINDENBURGSTR 37—45, POSTFACH 409, 71 631 LUDWIGSBURG, GERMANY.

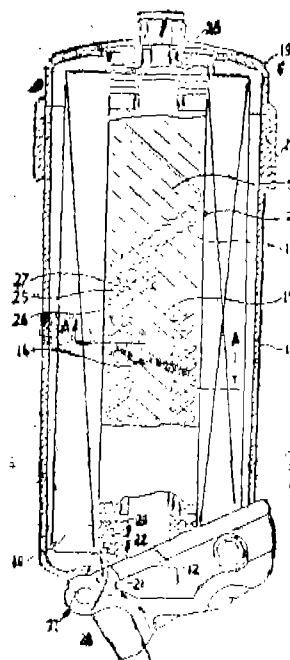
Inventor (B) : MR. SASCHA BAUER.

Application No. 372/Bom/95 filed on 28th August 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A fluid filter for oil & fuel of a combustion engine comprising a filter housing provided with fluid-in-flow and fluid-return-flow channel, a fluid tight & removable lid covering the filter housing provided with a filter element detachably attached with the filter housing characterised in that the filter element is provided with stand pipe which has minimum one return flow channel (14); the said return flow channel provided with at least two webs (19) (24) having staggered arrangement angular to each other and under an angle counter to the web (19) (24) incline in the axial direction.



(Compl. Specn. 8 pages;

Drgs. 2 sheets)

Ind. Cl. : 58 A [XXVI (3)].

182966

Int. Cl. : E 06 B-5/10.

FINGER PROTECTION MEANS FOR A SECTIONAL DOOR.

Applicant : NORMSTAHL WERK E. DÖRING AG. OF CH-0462 MONTLINGEN, SWITZERLAND, SWISS COMPANY.

Inventor : DR. H. C. ERICH DÖRING.

Application No. 380/Bom/95 filed on 31st August 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

10 Claims

1. A finger protection means for a sectional door, where each panel section (1, 2) comprises a major portion (3, 4) and at least one recess (5, 6) being limited to the outside of the panel section (1, 2) by an edge portion (3c, 4c) and where neighbouring panel sections (1, 2) are pivotable connected to each other by hinges (9) mounted at the major portions ((3, 4) with a finger protection section (7) comprising mounting portion (7b) connectable with the major portion (3) of the first panel section (1) and a protection portion (7a) which is capable in each pivot position of the first panel section (1) relative to a neighbouring second panel section (2), upon operating the sectional door, of the least partially overlapping the edge portion (4c) of the second panel section (2) and of protruding into the recess (6) in the second panel section (2), wherein the finger protection section (7) consist of plastic material or sheet metal, the protection portion (7a) of the finger protection section (7) has an arc-shaped cross-section, the mounting portion (7b) of the finger protection section (7) is to be arranged in the recess (5) of the first panel section (1) and to be securely connected with the major portion (3) of the first panel section (1), but not be integrated with it, and where a contact surface (7g) of the finger protection section (7) is adapted to bear against the edge portion (3c) of the first panel section (1).

(Compl. Specn. 17 pages;

Drgs. 5 sheets)

Ind. Cl. : 55 D2.

182967

Int. Cl. : A 01 N 25/14, 53/00.

A PROCESS FOR THE PREPARATION OF NOVEL PESTICIDAL COMPOSITION.

Applicant : SEARLE (INDIA) LTD., 21 D, SUKHAD VALA MARG, MUMBAI-400 001, INDIA.

Inventors :

1. KRISHNA KUMAR
2. MAHESHWARI, TARUR
3. VENKATASUBRAMANIAN
4. RADHAKRISHNAN & SATISH EKNATH BHOGE

Application No. 449/Bom/96 filed September 2, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

14 Claims

1. A process for the preparation of a novel pesticidal composition in the form of wettable powder comprising :

- (a) making a solution of Fenvalerate of a minimum purity level of 90% by dissolving 48.56 gm w/w in an organic solvent or by heating 48.56 gms Fenvalerate at a temperature of 40–90°C to obtain free flowing homogeneous solution of Fenvalerate;
- (b) mixing the said solution of Fenvalerate and/or or free flowing homogeneous Fenvalerate with a mixture of inert carrier, i.e. precipitated silica and surfactants in the presence of an organic solvent thereby forming a slurry;
- (c) heating the said slurry at a temperature of 40–90°C under vacuum thereby recovering the solvent used leaving behind the dried lumps along with the powder.
- (d) grounding the said dried lumps along with the powder in a mill to form a fine powder of Fenvalerate wetting powder.

(Compl. Specn. 14 pages;

Drgs. nil)

4-197 GI/99

Ind. Cl. : 32 F*(b) + 55 E*

182968

Int. Cl. : C 07 D 401/12

A 61 K 31/41, 31/44

A PROCESS FOR THE MANUFACTURE OF 2-[(2-PYRIDYL) METHYLTHIO] BENZIMIDAZONE DERIVATIVES.

Applicant : LUPIN LABORATORIES LIMITED, 159, C.S.T. ROAD, KALINE, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA.

Inventors :

- (1) ASHOK KUMAR
- (2) RAMKRISHNA APPAJI RANE
- (3) CHANDER PRAKASH KAUSHIK
- (4) KORRAPATI VENKATA VARA PRASAD RAO.

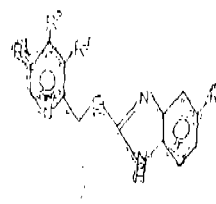
Application No. : 482/Bom/96 filed on 30-09-96.

(Complete Specification after Provisional Specification filed on 07-10-97).

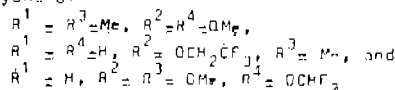
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

13 Claims

A one pot process for the manufacture of 2-[(2-pyridyl) methylthio] benzimidazole derivatives of formula II.

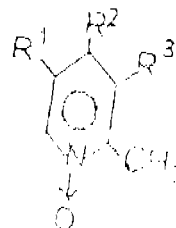


wherein R¹, R², R³ and R⁴ are selectively substituted on any one of



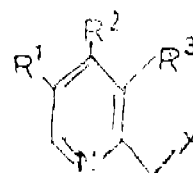
comprising,

a. reacting 4-alkoxy pyridine N-oxide of formula VII.



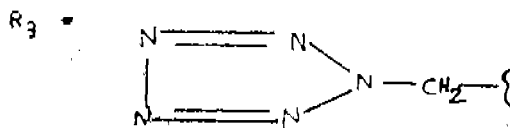
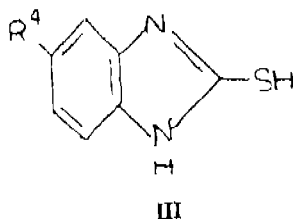
VII

wherein R¹, R² and R³ are as defined in formula II, with a halogenating agent in an inert solvent in the presence of a base at a temperature ranging from 0°C–80°C, to obtain 2-halomethylpyridine derivatives of formula IV,



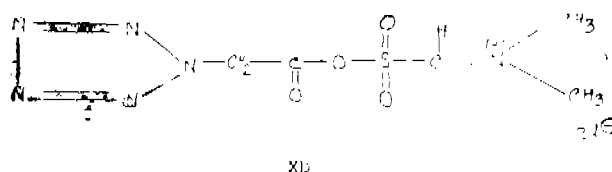
IV

wherein $R_1 = H$, carboxylic protecting group

$$R_2 = -S-\text{C}_4\text{H}_3\text{N}_2-\text{CH}_3$$


comprising

Drawings : Nil)
Drawings : Nil)



182969

Int. Cl. : C 07 D—501/06 &
A 61 K—31/545.

by reacting 1H-tetrazol-1-acetic acid with N, N-dimethylformiminium chloride chlorosulfate (DFCCS) of formula XI:

$$\begin{array}{c} \text{Me} \quad \quad \quad \text{O} \\ \diagdown \quad \quad \diagup \\ \text{N}^{(+)} = \text{C} \quad \quad \text{O} - \text{S} - \text{Cl} \\ \diagup \quad \quad \diagdown \quad \quad \parallel \\ \text{Me} \quad \quad \text{H} \quad \quad \text{O} \end{array}$$

(b) reacting said compound of formula Xb of step (a) above with silylated 7-amino cephalosporanic acid derivatives of formula IX.

R1N[C@@H]1[C@H](C(=O)OR1)[C@H](C(=O)OR2)[C@H](C(=O)OR3)N1

- (1) DR. DEBASHISH DATTA
(2) MR. VINOD GEORGE
(3) MR. BISHWA PRAKASH RAI.

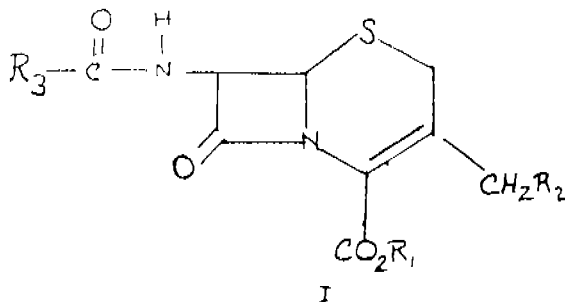
Patent Application No. : 30/Bom/97 filed on 20-01-97.

Divisional to : 545/Bom/95 dated 26-12-95.

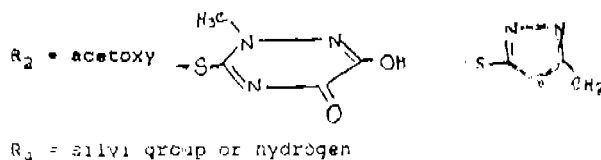
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

8 Claims

A process for the preparation of cephalosporin antibiotics of formula I,



wherein $R_1 = H$, carboxylic protecting group



in a solvent such as herein described at a temperature ranging from -70°C to -30°C preferably at -55°C .

(-Compl. Specns. : 18 pages;

Drawing : Nil)

Ind. Cl. : 55 E2 + E4

182970

Int. Cl. : A 61 K, 31/00.

A PROCESS OF PREPARING ANTI-WRINKLE AND MUSCLE TONING, HERBAL SYNERGESTIC COMPOSITION.

Applicant & Inventor : SHYAM KHANNA, FLAT NO. 1-D/10, VIJAY VIHAR CO-OP. HOUSING SOCIETY, SION-TROMBAY ROAD, CHEMBUR, MUMBAI-400 071, MAHARASHTRA, INDIA & AMAR LULLA, 103, MAKER TOWER "L", CUFFE PARADE, COLABA, MUMBAI-400 005, MAHARASHTRA, INDIA.

Patent Application No. : 109/Bom/1997 filed on 24-2-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

A process of preparing anti-wrinkle and muscle toning herbal composition comprising of the following steps :

(a) Disintegrating the following herbal ingredients—

- (i) Sunth, fruit (Zingiber officinale) 10 to 30% by weight,
- (ii) Lavang, fruits (Myrtus caryophyllus) 5 to 25% by weight,
- (iii) Piplamoel, roots (Piper Longua) 10 to 30% by weight,
- (iv) Ashgand, roots (Withania Somnifera) 10 to 30% by weight,
- (v) Kut, roots (Saussurea Lappa) 5 to 25% by weight,
- (vi) Akarkara, roots (Anacylus Pyrethrum DC) 10 to 30% by weight.

(b) Pulverizing the above herbal ingredients to form powder of desired mesh size;

(c) forming aqueous extract of the above powdered herbal ingredients;

(d) adding Malkangni oil (ceslastrus peniculate) 1 to 7.5% and Til oil (sesamum indicu) 1 to 7.5% aqueous extract of herbal ingredient of the above step (c) 2 to 20% by weight and base material such as paraffin or petroleum jelly 65 to 96% by weight for forming anti-wrinkle and muscle toning herbal composition.

(Compl. Specns. : 4 pages;

Drgns. : Nil)

Ind. Cl. : 172 C2, C9

182971

Int. Cl. : D 01 G 19/06.

TOP COMB UNIT FOR A COMBING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG, A BODY CORPORATE ORGANIZED UNDER THE LAWS OF SWITZERLAND, CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : LANG HELFRIED.

Application No. : 469/Mas/93 filed on 8th July, 1993.

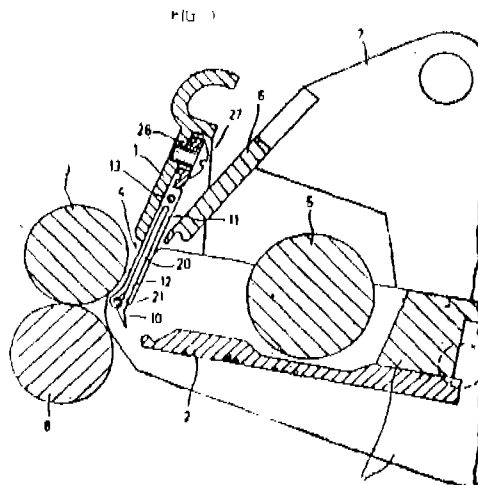
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

12 Claims

A top comb unit for a combing machine, with elongated parallel elements (11, 11.1, 11.2) arranged in a row, of which at least a part are provided at one end with at least

one combing tooth (10, 10.1, 10.2), and with air supply passages (21) provided in the row for the supply of compressed air pulses on the combing teeth (10, 10.1, 10.2) characterized in that the elements are lamella-shaped and that they are held in therow by means of carrier rods (12, 13) which extend through openings (14, 15) in the element over the whole length of the row, and that every element (11, 11.1, 11.2) is provided with a punched breakthrough (19) in such a way that the breakthrough (19) of all elements form in their entirety a chamber (20) for the supply of compressed air pulses, from which chamber (20) the air supply passages (21) start out.

Agent : M/s. Depenning & Depenning.



(Compl. Specns. : 13 pages;

Drgns. : 2 Sheets)

Ind. Cl. : 32 F 3 C

182972

Int. Cl. : C 07 C 69/00

"PROCESS FOR THE PREPARATION OF ARYL-SUBSTITUTED PROPIONIC ACID ESTERS".

Applicant : CIBA SPECIALTY CHEMICALS HOLDING INC. OF KLYBECKSTRASSE 141, 4057 BASEL, SWITZERLAND, A SWISS COMPANY.

Inventors :

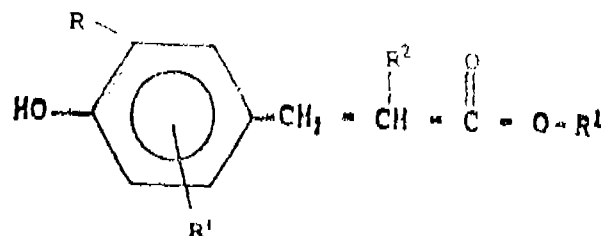
- (1) ERIC J EVAIN
- (2) KRISHNA RAMAN

Application No. : 604/Mas/93 filed on 25th August 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

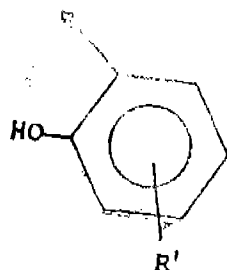
11 Claims

A process for the preparation of aryl-substituted propionic acid esters of the formula :

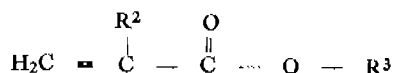


wherein R and R' are a C₁-C₁₂ linear or branched alkyl, a C₃-C₁₂ cycloalkyl, a C₆-C₁₂ aryl or a C₇-C₁₂ alkaryl or aralkyl, R² is hydrogen or a C₁-C₂₀ linear or branched alkyl and R³ is a C₁-C₂₀ linear or branched alkyl, a C₆-C₁₂ aryl or a C₇-C₁₂ alkaryl or aralkyl.

cycloalkyl, a C₆-C₁₂ aryl, or a C₁-C₂₀ alkaryl or aralkyl, and may be the same or different, or R¹ is hydrogen, comprising forming (a) a reaction mixture of a phenol of the formula:



wherein R and R' are as defined above, at least one base catalyst or initiator, in the presence of 1, 2-dimethoxybenzene (DMB) and (b) adding an acrylate of the formula:



wherein R² and R³ are as defined above, all at once or over a period of 5 to 60 minutes to said reaction mixture at atmospheric pressure, wherein (a) and (b) are conducted at a temperature from about 75°C to 150°C, and once the addition (b) is complete, maintaining the temperature at from 130°C to 140°C for about 30 to 120 minutes.

Ref. to US Patents :

3247240
3285855
3364250
3840855
4529809
4547585

Agents : M/s. De Penning & De Penning.

(Com. Specn. : 14 Pages;

Drwgs. : Nil Sheet)

Ind. Cl. : 91, 127G

182973

Int. Cl.³ : B 60 K 31/00, G 05 D 13/00

"A CONTROL SYSTEM FOR AUTOMATICALLY REGULATING THE SPEED OF AN ENGINE".

Applicant : CATERPILLAR INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, OF 100 N.E. ADAMS STREET, CITY OF PEORIA, STATE OF ILLINOIS 61629-6490, UNITED STATES OF AMERICA.

Inventors :

- (1) LORNE W. TWEED
- (2) TIMOTHY A. CROSS
- (3) WILLIAM M. McCLURE
- (4) BRIAN T. ROLLI

Application No. : 635/Mas/93 filed on 07th Sep. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

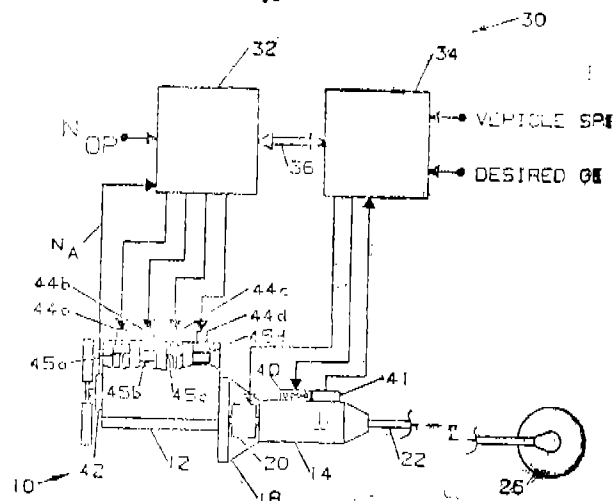
04 Claims

A control system for automatically regulating the speed of an engine (12) to a preselected value when the vehicle is coasting in neutral, the said engine having a transmission drive (14) of a plurality of drive gear ratios, the said system comprising a signal generating means (34, 36) for producing a gear ratio signal corresponding to the actual transmission gear ratio (41), a speed sensor means (40, 42) for sensing the speed of the vehicle, and for producing a vehicle speed signal, at least one controller (32) for receiving the gear

ratio signal and the vehicle speed signal, the said controller having processing and comparing means (202, 204) to process the gear ratio signal to determine if the transmission is in neutral and to compare the engine speed signal to a preselected threshold, and regulating means (212) to regulate the engine speed to a preselected value when the transmission is in neutral and the vehicle speed is greater than or equal to the preselected threshold.

Ref. US 4915075, 4972332, 4653455, 4219154
636/Mas/93

Agents : M/s. De Penning & De Penning



(Com. Specn. : 14 Pages;

Drwgs. : 02 Sheets)

Ind. Cl. : 4 A 3

182974

Int. Cl.³ : E 01 C 5/16, 9/10.

GROUND ENVIRONMENT MATS FOR VSTOL AIRCRAFT OPERATIONS.

Applicants : ANTHONY ERROL HARRIS 15 SUNNINGDALE WALK, BEDFORD MK41 8BA, ENGLAND.

AND

DAN NUNG ING WINDOVER, FARM LANE, EAST HORSLEY, SURREY KT24 5AB ENGLAND. (BOTH BRITISH NATIONALS).

Inventors :

1. ANTHONY ERROL HARRIS.
2. DAN NUNG ING.

Application No. 710/MAS/93 filed on 5th October 1993.

Convention Date : 6-10-92, No. 9220930.3, Great Britain.

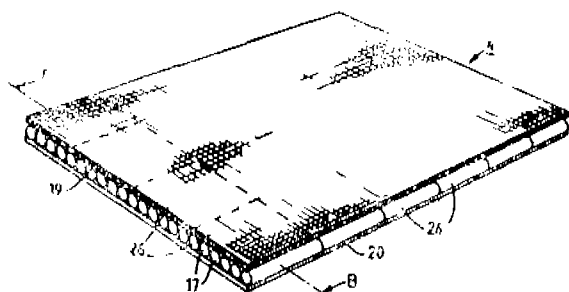
Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, Chennai.

20 Claims

A ground environment mat for vertical/short take off and landing aircraft operations comprising a single layer porous core element for permitting entry of jet flows and for controlling ground jet flows in azimuth directions with said porous core element, said porous core element comprising a plurality of discrete and substantially rigid drag elements, each discrete drag element of said plurality of discrete drag elements substantially spanning the height of said porous core element, said porous core element having an upper surface which is sufficiently porous to permit entry of jet

flows into said porous core element while subsequently substantially preventing escape of ground jet flows therefrom and a lower boundary.

Agent : M/S. Depenning & Depenning.



(Comp. Specn. 19 pages;

Drwgs. 5 sheets.)

Ind. Class : 62 E

182975

Int. Cl.⁴ : D 06 F—1/00 B 49 C—49/72, 69/00.

PROCESS FOR FABRICATING A PERFORATED DRUM FOR CLOTHES WASHING MACHINE AND DRUM OBTAINED THEREBY.

Applicant : ZANUSSI ELECTRODOMESTICI S.p.A. OF VIA GIARDINI CATTANEO 3, 33170 PORDENONE, ITALY, AN ITALIAN COMPANY; AND ARTESOPLA S.r.l. OF VIA BRESCIA 21, 25024 LENO, BRESCIA, ITALY, AN ITALIAN COMPANY.

Inventors :

- (1) PIERO DURAZZANI.
- (2) GIORGIO SACCHIERO.

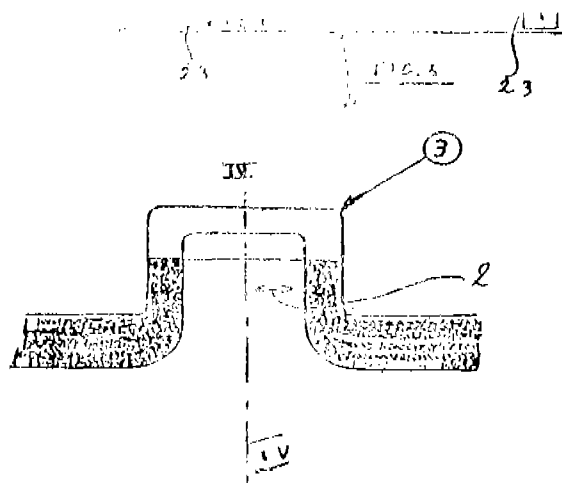
Application No. 732/MAS/93 filed on 13th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

Process for fabricating a perforated drum (1) for clothes washing machines consisting of an outer cylindrical mantle, a rear plate and an open front wall, and supported by a spider journal, characterized in that it is performed in at least two distinct phases, wherein the first one of these phases consists in forming the drum comprising a plurality of blind holes (2) disposed on the outer cylindrical mantle of the drum by the blow moulding technique, and wherein a subsequent phase consists in opening said blind holes by removing the caps (3) that close the respective blind holes, said phase of opening said blind holes being performed by cutting off said caps (3), said cutting off operation consists in dissecting said caps by means of one or more cylindrical blades (20, 21) having a radius (R) equal to the distance from the axis (A) of the drum and the cutting section of the caps, said blades being located coaxially with respect to the axis of the drum and being driven to move parallel thereto.

Agents : M/s. De Penning & De Penning.



(Comp. Specn. 15 Pages;

Drwgs. 3 Sheets)

Ind. Cl. : 206 E, F

182976

Int. Cl.⁴ : H 04 B 1/30.

A WIRELESS SWITCHING SYSTEM.

Applicant : AT & T CORP. 32 AVENUE OF THE AMERICAS, NEW YORK 10013-2412, USA, A US CORPORATION.

Inventor : JAMES JOSEPH FUENTES.

Application No. 747/MAS/93 filed on 20th October 1993.

Convention Date : 29-6-93, No. 2099739, Canada.

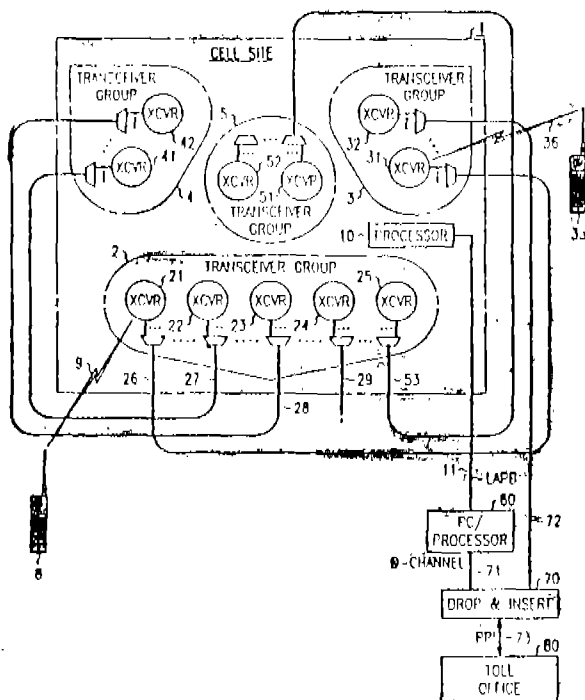
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A wireless switching system comprising a wireless cell site for communicating with and serving a plurality of wireless stations within wireless range of said wireless site, said cell site comprising a first plurality of wireless transceivers; a plurality of direct connections between pairs of said first plurality of wireless transceivers; and control means, responsive to receipt of a first telephone number supplied by a first wireless calling station served by said cell site, for assigning a connected pair of said plurality of transceivers to said first wireless calling station and to a first wireless called station.

said first called station served by said cell site and identified by said first telephone number, for connecting said first calling and first called stations.

Agent : M/s. Depenning & Depenning.



(Comp. Specn. 15 pages;

Drwgs. 4 sheets)

Ind. Cl. : 204.

182977

Int. Cl.⁴ : G 01 G 3/00.

LPG (COOKING GAS) CYLINDER GAUGE.

Applicant : THAVITUPAYALAM, VENKATRAMAN, JAGADEESAN, 34, VELAYUTHAM STREET, THAVITUPALAYAM, ANTHIYUR-638 501, TAMILNADU, INDIA. AN INDIAN NATIONAL.

Inventor : THAVITUPALAYAM. VENKATRAMAN. JAGADEESAN.

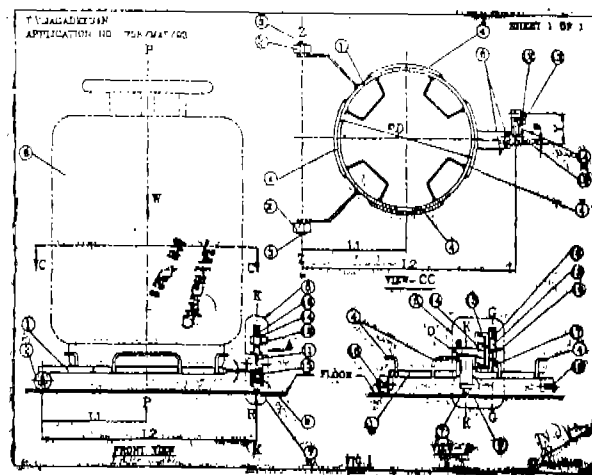
Application No. 758/MAS/93 filed on 25th October' 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

"LPG CYLINDER gauge comprises a main frame which being pivoted on one side at the centre line of the two wheels which are resting on the floor such that main frame is free to swing up and down about the said centre line of the two wheels and load sensor resting on the floor and fixed to the main frame at the other end.

Agent : M/s. Depenning & Depenning.



(Comp. Specn. 9 pages;

Drwg. 1 sheet)

Ind. Cl. : 107 I

182978

Int. Cl.⁴ : F 02 M 7/00.

ELECTRO MAGNETIC TUNING ALTERNATING SYSTEM FOR CARBURETTORS.

Applicant : KUDAKKACHIRA THOMAS THOMAS M.A., KUDAKKACHIRA HOUSE, KUDAYATHUR POST, IDUKKI DISTRICT, KERALA STATE, INDIA.

Inventor : KUDAKKACHIRA THOMAS THOMAS M.A.

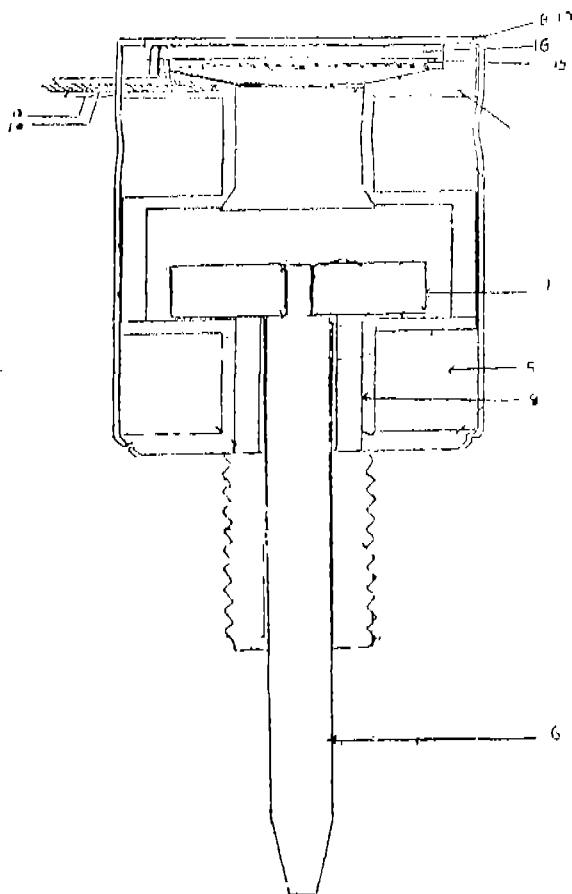
Application No. 774/MAS/93 filed on 1st November' 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

1 Claim

The Electro Magnetic Tuning Alternating System for carburettors of internal combustion Engines using liquid fuel comprises of a remotely movable tuning rod with a tapered cone shape at one end and the other end fixed shake-free to a tablet type permanent ceramic magnet, placed in the flaw-less frictionless tubular path running through the centre of the bobbin, core and fixing screw so that the ceramic magnet remains encircled by the spacer separating the other controlling electro magnet of the pair, with enough moving space for the ceramic magnet to provide the second tuning when moved with the attached tuning rod, windings of electro magnets being such that when connected in parallel and energized exerting a pull on one side and push from the other, to instantly move the ceramic magnet to the attracting core to the held there unmoved, attracted by its own force and two bell-push switches one red and other green mounted at convenient locations on the dash-board or handle, operable to obtain rich mixture/high volume, through red switch and for lean mixture/low volume, the green switch and is encased in a metallic body leaving 4 wires projecting

out for electrical connections to body earth, visual indicator, Red switch and Green switch for electrical remove controlling to change the tuning from one to the other.



(Comp. Specn. 11 pages;

Drgs. 9 sheets)

Ind. Cl.: 62 E

182979

Int. Cl.⁴: D 06 F 37/26.

A PLASTIC TUB FOR WASHING MACHINES.

Applicant: ZANUSSI ELETTRODOMESTICI S.p.A., VIA GIARDINI CATTANEO, 3, 33170 PORCIA, PORDENONE, ITALY, AN ITALIAN COMPANY.

Inventor: PIERO DURAZZANI.

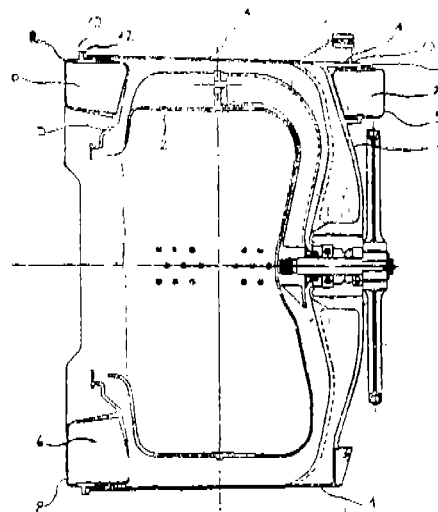
Application No. 840/MAS/93 filed on 23rd November 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai, Branch.

7 Claims

A plastic tub for clothes washing machine comprising a tub (1) accommodating a rotating drum (2) for loading the washload, the said tub consisting of a cylindrical peripheral wrapping (3) integral with the rear portion (4) and a front flange-like portion (5) moulded separately, a plurality of counter-weights (6, 7) housed in respective plastic shells (8, 9) attached to the said tub, wherein, at least one of the said shells (8, 9) is provided with a plastic projecting element (10, 11) fixed to the corresponding matching projecting elements (12, 13) provided on the outer surface of the said tub, by fusion welding.

Agent: M/s. Depenning & Depenning.



(Comp. Specn. 11 pages;

Drwgs. 3 sheets)

Ind. Cl.: 4 A 4

182980

Int. Cl.⁴: G 09 B 9/08.

INTERACTIVE TRIPLE DISPLAY TRAINING SIMULATOR.

Applicant: DR. KOTA HARINARAYANA DISTINGUISHED SCIENTIST & LCA PROGRAMME DIRECTOR, AERONAUTICAL DEVELOPMENT AGENCY, P.B. NO. 1718, VIMANAPURA POST, BANGALORE 560 017, INDIA AND SQUADRON LEADER B C SRIKANTA (RETD.) SCIENTIST/ENGINEER 'F' AERONAUTICAL DEVELOPMENT AGENCY, P.B. NO. 1718, VIMANAPURA POST, BANGALORE 560 017, INDIA, BOTH INDIAN NATIONALS.

Inventors: SQUADRON LEADER B C SRIKANTA (RETD.)

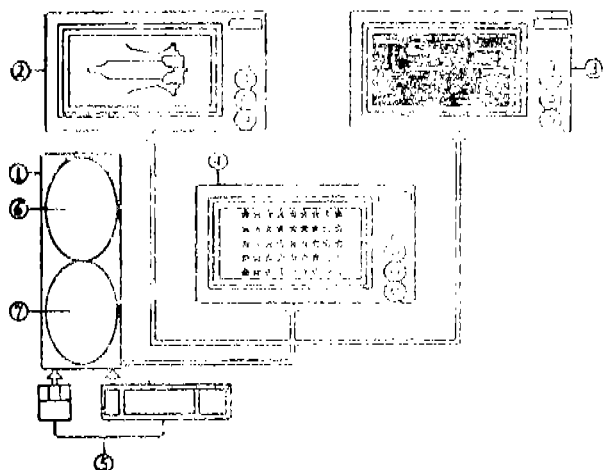
Application No. 857/MAS/93 filed on 30th November 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

03 Claims

Interactive Triple Display Training Simulator comprising Simulator function station (1) which provides interactive triple synthetic display environment for the user. Graphic display device (2), Image display device (3), and Textual display device (4) each being independently connected to Simulator function station, the Graphic display device displaying information in the form of graphics & text, the Image display device displaying information in the form of image, graphics & text and the Textual display device displaying information in the form of text only, Interactive input devices (5) connected to Simulator function station,

the said Interactive Triple Display Training Simulator for use by the user for imparting technical education and on Job Training in any domain.



(Comp. Specn. 10 Pages;

Drwgs. 01 Sheet)

Ind. Cl. : 172 E

182981

Int. Cl.⁴ : B 65 H 54/28.

YARN TRAVERSING APPARATUS.

Applicant : DARMAG AG, LEVERKUSER STRASSE 65, 42897 REMSCHEID, GERMANY, A GERMAN COMPANY.

Inventors :

(1) HERBERT TURK.

(2) HERBERT SCHIMINSKI.

Application No. 859/MAS/93 filed on 01st December 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

07 Claims

A yarn traversing apparatus comprising :
means for reciprocating an advancing yarn transversely to its advance direction over a predetermined traverse stroke and so as to define a traverse plane;

at least two guide arms mounted for rotation about closely adjacent parallel or coaxial axes so that the rotating arms define closely adjacent parallel planes and the extremity of each rotating arm is adapted to pass along the traverse plane;

means for rotating each of the arms in opposite directions so that one arm moves in a direction toward one end of the traverse stroke and the other arm moves in the opposite direction and from the one end of the traverse stroke towards the other end thereof;

a yarn guide rail mounted on one side of the traverse plane and defining a main guide edge which extends in a direction generally parallel to the traverse stroke and through the traverse plane in a medial portion of the yarn traverse stroke to thereby guide the yarn and control its traversing speed, and wherein the main guide edge does not extend through the traversing plane adjacent either of the end regions of the traverse stroke, and

an auxiliary guide edge in each of the end regions of the traverse stroke and mounted on the other side of the traverse plane, with the auxiliary guide edges each extending through the traverse plane so that in the end regions the auxiliary guide edges guide the yarn and control its traverse speed.

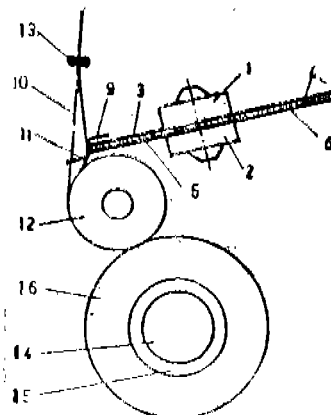
Ref. : DE 3404303 A1

3417457 C2

3707731 A1

EP 120216 A

Agents : M/s. De Penning & De Penning.



(Comp. Specn. 16 Pages;

Drwgs. 04 Sheets)

Ind.Cl. : 102 D

182982

Int. Cl.⁴ : F 15 B 15/06, F 16 K 31/163.

ISOLATORS.

Applicant : WES TECHNOLOGY INC., (A US CORPORATION)—DELAWARE 3600 WEST SEGERSTROM AVE., SANTA ANA, CA 92704, USA.

Inventor : ELSWORTH LESLIE WALTER.

Application No. 923/Mas/93 filed on 21st December, 1993.

Convention date 23rd December, 1992, No. 9226773.1, USSN.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

An isolator, comprising frame, an isolator shaft, a valve plate or other isolator closure member carried by the isolator shaft, and a hydraulic actuator mounted on the isolator shaft, the hydraulic actuator comprising an actuator frame and a hydraulic ram one end of which is connected to a lever which is in turn connected to said isolator shaft, wherein the end of the actuator frame remote from the shaft is connected to the isolator frame by means of a torque arm reaction anchor so as to prevent the actuator rotating with the shaft.

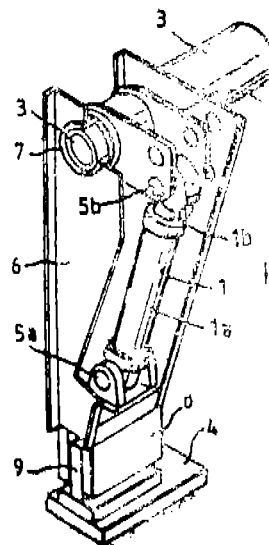
Reference to :—PCT/GB 8900593

WO 8911612

WO 9208056

PCT/GB 9101876

Agents : M/s. DE PENNING & DE PENNING.



(Compl. Specn. 15 Pages;

Drwgs. 3 Sheets)

Ind. Cl. : 156 E

182983

9 Claims

Int. Cl.⁴ : F 04 B 15/02.**A PUMP FOR VISCOUS MATERIAL.**

Applicant : SEDEPRO 230, RUE LECOURBE, 75015 PARIS 6 FRANCE, A FRENCH COMPANY.

Inventor : MICHEL DEAL.

Application No. 927/Mas/93 filed on 22nd December, 1993.

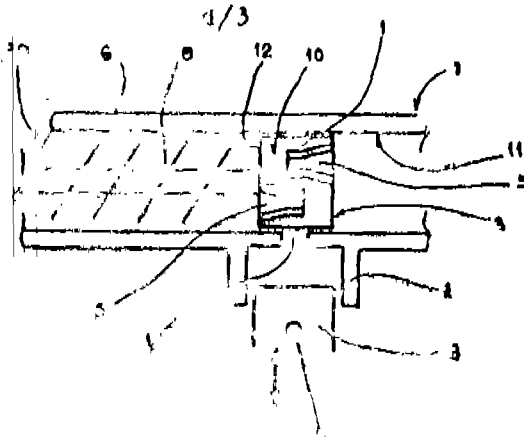
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

11 Claims

A pump for viscous material comprising an admission and a discharge, a pumping chamber, at least one piston sliding in the pumping chamber and reciprocating between two extreme positions, a feed chamber in communication with the admission, feed members arranged in the feed chamber assuring a forced mechanical transfer of the material from the admission towards the said pumping chamber, a rotary distributor between the said feed chamber and the said pumping chamber, the distributor having piercings arranged and distributed so as to place the pumping chamber at one time in communication with the admission and at another time in communication with the discharge or to isolate the chamber from communication with the admission or the discharge, and means for controlling the movement of rotation of the distributor and the synchronized movement of the piston.

Reference to :—U S. Patents 5261795.

Agent : M/s. De Penning & De Penning.



(Compl. Specn. 19 Pages;

Drgs. 3 Sheets)

Ind. Cl. : 125 B1

182984

Int. Cl.⁴ : G 01 F 11/00.**DOSAGING DEVICE.**

Applicant : SEDEPRO, A FRENCH COMPANY, 230 RUE LECOURBE, 75015 PARIS 6, FRANCE.

Inventor : 1. MONSIEUR MICHEL DEAL.

Application No. 928/Mas/93 filed on 22nd December, 1993.

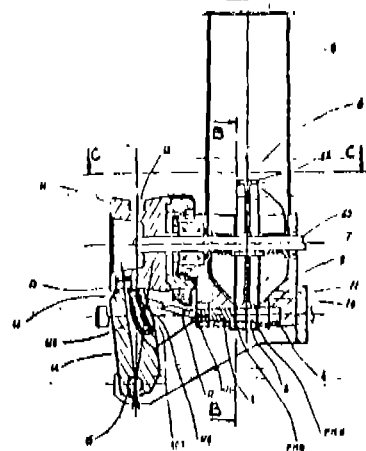
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

A dosaging device comprising :

- a dosaging slide (1) having a propulsion surface (10).
- a groove (2) in which the dosaging slide (1) slides between a bottom dead center (PMB) and a top dead center (PMH).
- means which make it possible to feed the said groove (2) with material to be dosed,
- a transfer chamber (4) in communication with the groove (2) at the top dead center (PMH).
- a delivery piston (3) sliding in the transfer chamber (4) parallel to the propulsion surface (10) of the dosaging slide (1), the delivery piston having a side wall (31) the shape of which enables it closely to fit the propulsion surface (10) of the dosaging slide (1).
- a screen (62) intended to cover said groove (2), the dosaged unit volume being defined in said groove (2) when the dosaging slide (1) is at its bottom dead center (PMB), when the delivery piston (3) closes the said groove (2), and when the screen (62) covers the said groove (2).

Reference to : EP 0465981
EP 0465980

Agent : M/s. De Penning & De Penning.



(Compl. Specn 12 Pages;

Drwgs. 10 Sheets.)

Ind. Cl. : 175 F

182985

Int. Cl.⁴ : F 16 J 15/00.**A MULTIPLE SEALING SYSTEM FOR A CYLINDER HEAD GASKET.**

Applicant : DANA CORPORATION, 4500 DORR ST., TOLIDO, OHIO, A CORPORATION OF THE STATE OF VIRGINIA, U.S.A.

Inventor : 1. HARRY G. WILLIS.

Application No. 933/Mas/93 filed on 24th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

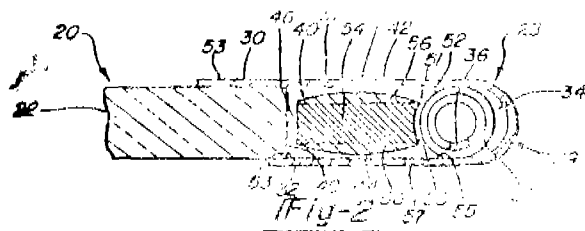
12 Claims

A multiple sealing system (28) for a cylinder head gasket (20), comprising :

- a primary seal comprising an annular spring (34) compressed about an axis (35); and

an annular secondary seal (40), said secondary seal (40) positioned radially outwardly of said primary seal (34), said secondary seal (40) abutting said primary seal (34) and having a radially elongate cross-section with two annular faces (46, 51) generally parallel to said axis (35), said faces (46, 51) defining radial extremities of said secondary seal (40).

Agent : M/s. De Penning & De Penning.



(Compl. Specn 15 Pages;

Drng. 1 Sheet.)

Ind. Cl. : 40 F

182986

Int. Cl.⁴ : B 01 F 3/04, B 01 J 19/00,
8/00.

PACKING ELEMENT

Applicant : NORTON CHEMICAL PROCESS PRODUCTS CORPORATION, AN US COMPANY, 3855 FISH-CREEK ROAD STOW, OHIO-44224, USA.

Inventors :

1. FRANK RUKOVENA.
2. MICHAEL J. DOLAN.

Application No. 936/Mas/93 filed on 30th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A packing element made of a metal strip and having a cylindrical shape with overlapping ends, said ends being provided with attachment means which releasably engage to hold the ends together when overlapped, wherein the attachment means comprises at least one pair of flaps projecting from the plane of the strip at essentially the same angle and in the same direction, with each flap located adjacent an end of the strip in the region of overlap when the element is formed, and at least one cooperating slot adjacent one of the flaps such that the flap formed on the opposed end engages with the slot when the element is formed.

Reference : US 27217
4197264

Agent : M/s. De Penning & De Penning.

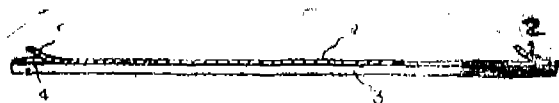


FIG. 1

(Compl. Specn. 14 Pages;

Drwgs. 2 Sheets.)

Ind. Cl. : 172 C4, 172F

182987

Int. Cl.³ : D 01 H 5/00, 13/16,
D 01 G 31/00.

DEVICE FOR DETECTING BREAKAGES IN TEXTILE SLIVERS UPSTREAM OF A DRAW FRAME.

Applicant : RIETER INGOLSTADT SPINNEREIMAS-CHINENBAU AG FRIEDRICH-EBERT-STR. 84 85046 INGOLSTADT GERMANY. A GERMAN COMPANY.

Inventor : FRIEDRICH HAUNER.

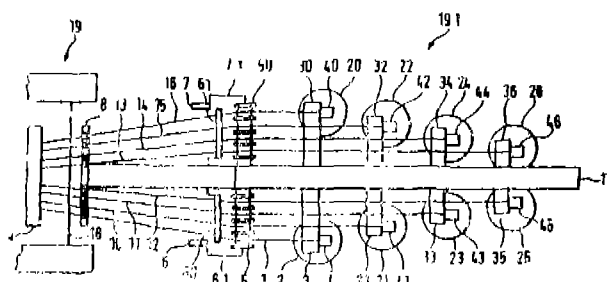
Application No. 005/Mas/94 filed on 6th January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A device for detecting breakages in textiles slivers upstream of a draw frame (19) comprising a monitoring device (6) with a monitoring section disposed in the vicinity of or within a feed device (19.1) for slivers and the monitoring section for detecting sliver breakages being disposed below the slivers, wherein a deflection device (60, 61) for slivers which produces a pre-tensioning in the slivers is disposed in the vicinity of the monitoring device (6).

Agent : M/s. De penning & De penning.



(Compl. Specn. 15 Pages;

Drwgs. 4 Sheets.)

Ind. Cl. : 172 C4

182988

Int. Cl.³ : D 01 H 5/72.

A PRESSURE BAR FOR LOCATION IN THE MAIN DRAFTING ZONE OF A TEXTILE DRAFTING DEVICE.

Applicant : RIETER INGOLSTADT SPINNEREIMAS-CHINENBAU AG., A GERMAN COMPANY, FRIEDRICH-EBERT STR. 84 85046 INGOLSTADT, GERMANY

Inventors :

1. FRIEDRICH HAUNER.
2. ALFONS /EHNDBAUER.

Application No. 006/Mas/94 filed on 6th January, 1994.

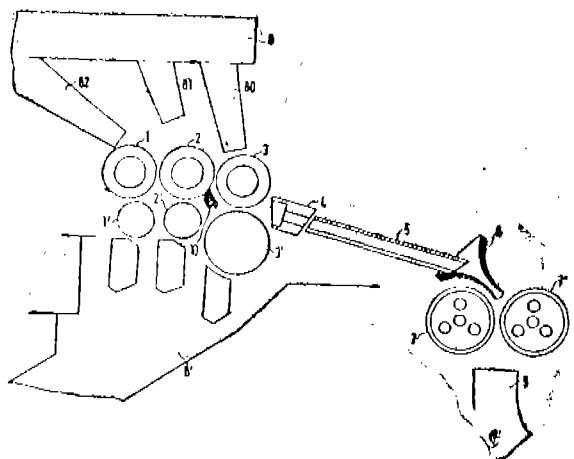
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A pressure bar for location in the main drafting zone of a textile drafting device so as to be in contact with the fibre stream over the width of the main drafting zone and so as to deflect the fibre stream between two clamping points of

the main drafting zone, wherein the pressure bar (100) is stationary and has substantially rectangular cross-section, the shorter sides thereof being rounded.

Agent : M/s. DePenning & DePenning.



(Compl. Specn. 13 Pages;

Drwgs. 3 Sheets.)

Ind. Cl. : 172 D8, 172 D4

182989

Int. Cl.⁴ : B 29 B 13/00,
B 29 C 47/36.

A SPINNING MACHINE FOR THERMOPLASTIC YARNS.

Applicant : BARMAG AG., LEVERKUSER STRASSE 65 D-42897 REMSCHEID, FEDERAL REPUBLIC GERMANY, A GERMAN COMPANY.

Inventors :

1. DR. ERICH LENK.
2. EGON GATHMANN.

Application No. 96/Mas/94 filed on 15th February, 1994.

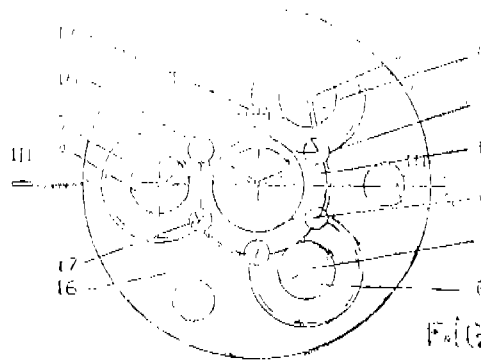
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A spinning machine for thermoplastic yarns, comprising a melt line (8) in which a main flow of a thermoplastic melt is transported under pressure from an extruder, a multiple pump downstream from the melt line for receiving an entering main melt flow and having a common drive shaft (2), the multiple pump comprising a plurality of distribution channels (16, 17) which divide the entering main melt flow into partial flows, and a plurality of individual pumps each of which receive a partial melt flow from the distribution channels and each has a planetary shaft driven by the common drive shaft (2), and a mixing chamber (9) in alignment with one of the common drive shaft or a planetary shaft, an upstream portion of which shaft extends to the mixing chamber and which portion is provided with mixing elements; and a spinneret downstream of the distributor pump, for spinning a bundle of filaments, which receives a partial melt flow discharged from one of the individual pump.

Reference : US 3502033, DE 1908207, DE 1236479
US 4253771, DE 2040919, DE 1660674.

Agent : M/s. DePenning & DePenning.



(Compl. Specn. 14 Pages;

Drgs. 3 Sheets)

Ind. Cl. : 172-D₈

182990

Int. Cl.⁴ : D 01 H 1/42
7/18.

SPINDLE FOR PRODUCING A YARN OR TWIST.

Applicant : PALITEXPROJECT- COMPANY GMBH, OF WEESERWEG 60, D-47804, KREFELD, GERMANY, A GERMANY COMPANY.

Inventors :

1. DR. ULRICH BELLHASSEN, GERMANY.
2. DR. KARL JOSEF BROCKMANN, GERMANY.
3. ULRICH LOSSA, GERMANY.

Application No. 101/Mas/94 dated February 16, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

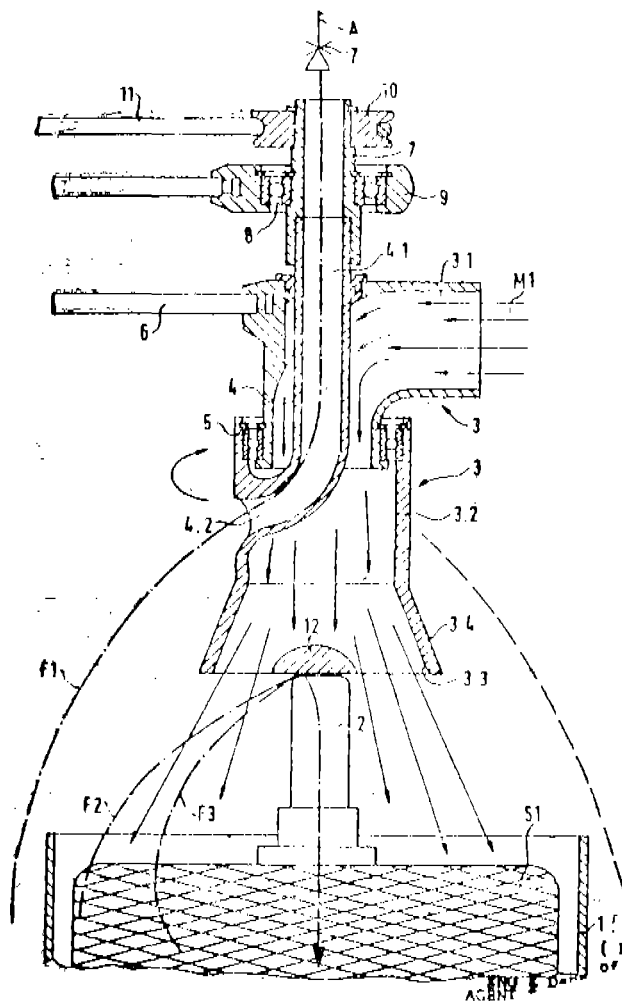
11 Claims

A spindle for producing a yarn or twist comprising a spindle rotor which has a radially outwardly directed thread guide duct, beginning substantially in the region of the spindle axis, for a thread which after emerging from the thread guide duct along with the formation of a balloon is conducted further to a centring point lying in the extension of the spindle rotor axis; and an introducing means for introducing a flowable medium in a substantially axial direction into the space defined by the thread balloon, characterised in that the flowable medium (M1 - MS) is supplied through a supply pipe (3, 13, 23, 33, 43) which extends at least in one portion directly in front of an exit aperture (3.3, 13.3, 23.3, 33.3, 43.3) coaxially or parallel with the spindle rotor axis (A), whereby at least the last part (3.2, 13.2, 23.2, 33.2, 43.2) of this portion is rotatable about the spindle rotor axis and contains a thread guide tube (4, 14, 24, 34, 44), the one end (4.1, 14.1, 24.1, 34.1, 44.1) of which is

conducted coaxially, and the other end (4.2, 14.2, 24.2, 34.2, 44.2) of which is conducted substantially radially, out of this part (3.2, 13.2, 23.2, 33.3, 43.2).

Ref. cited : DE 3721364.02

Agent : M/s. DePenning & DePenning.



(Compl. Specn. 16 Pages;

Drwgs. 5 Sheets)

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 348/Ca/93 (180814) made by Eric Van't Hooft has been allowed to proceed in the name of Nucletron Intellectual Property B. V.

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Bajaj Auto Ltd., Pune to grant of Patent on Application No. 182028 (680/Mas/93) made by M/s. India Nippon Electricals Ltd., Tamil Nadu.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170177 granted to Robin Bose for an invention relating to an apparatus for chlorinating water.

The Patent ceased on the 10-4-1998 due to non-payment of renewal fees within the unexpired time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173355 granted to Weh Erwin and Weh Wolfgang for an invention relating to a coupling for fluid lines.

The Patent ceased on the 27-4-1998 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 175396 dated 12-3-1992 made by Greaves Foseco Ltd. on the 29th October, 1998 and notified in the Gazette of India Part III, Section 2 dated 13th February, 1999 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 175397 dated the 12th March, 1992 made by Greaves Foseco Ltd. on the 29th October, 1998 and notified in the Gazette of India, Part III, Section 2 dated 13-02-1999 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 175398 dated the 12th March, 1992 made by Greaves Foseco Ltd. on the 29th October, 1998 and notified in the Gazette of India, Part III, Section 2 dated 13-02-1999 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 175691 dated the 22-01-1990 made by Aparna Chemisearch on the 21st September, 1998 and notified in the Gazette of India, Part III, Section 2 dated 12th December, 1998 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 176633 granted to WU SHENG-JUNG for an invention relating to digital Mark Printer.

The Patent ceased on the 18-4-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 176634 granted to ISSAC STALAY for an invention relating to an improved cylinder lead for internal combustion engine.

The Patent ceased on the 24-4-1998 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 177760 granted to Motorola Inc. for an invention relating to a duplex filter for a radio transceiver employing one antenna for both receiving and transmitting radio signals.

The Patent ceased on the 21-02-1998 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application for restoration of Patent No. 178616 dated 21st September, 1990 made by the Council of Scientific and Industrial Research on the 27-8-1998 and notified in the Gazette of India Part III, Section 2 dated 17-10-1998 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 178617 dated the 29th October, 1990 made by the Council of Scientific and Industrial Research on the 27-8-1998 and notified in the Gazette of India Part III, Section 2 dated 17-10-1998 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179216 granted to (1) Branislav Previsic (2) Mile Previsic for an invention relating to device for generation of hydro-dynamic Power.

The Patent ceased on the 3-11-1998 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179567 granted to National Research Development Corporation for an invention relating to Hydroxyapatite coated titanium dental implant for single tooth replacement.

The Patent ceased on the 4-4-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179821 granted to JM Huber Corporation for an invention relating to a process for preparing dental composition.

The Patent ceased on the 12-2-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179822 granted to Westaim Technologies Inc. for an invention relating to a method of producing anti-microbial material containing one or more anti-microbial metals.

The Patent ceased on the 12-2-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 69 of the Patents Act, 1970 for the restoration of Patent No. 179826 granted to Statens Serum Institut for an invention relating to a method for the preparation of a bis aromatic L. B. unsaturated ketone.

The Patent ceased on the 12-2-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179828 granted to Interlox Chemicals Ltd. for an invention relating to a stabilised aqueous composition of hydrogen peroxide and sulphuric acid and a process of preparing the same.

The Patent ceased on the 12-2-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 179849 granted to Eagle Flask Industries Ltd. for an invention relating to a spill proof container.

The Patent ceased on the 12-2-1999 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 24-07-1999.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 14th October, 1999 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

THE DESIGNS ACT 1911 SECTION 63. DESIGN ASSIGNMENT

The following Design Stand in the name of Fernhill Laboratories and Industrial Establishment has been assigned in the Register of Design in the name of Reckitt & Colman of India Ltd.

D/Nos.

168555, 168556
168756, 168757,
168758, 168759,
168760, 171516,
171517 & 172895

Class
3 & 4

Name

Reckitt & Colman of India Ltd. an Indian company of 41, Chowringhee Road, Calcutta-700 071, West Bengal, India.

CESSATION OF PATENTS

164674 164700 164746 164785 164877 165150 165250 165255
165297 165357 165367 165496 165497 165580 165657 165692
165738

RENEWAL FEES PAID

178353 169056 178197 178431 178524 175334 177776 178666
165005 177561 179548 176047 174667 176506 177684 174462
179930 173781 172518 177545 181489 177507 179939 177556
175215 172922 177085 181342 172348 172872 175872 169013
170309 170842 175973 176514 177493 179566 179746 179924
173043 171917 177076 177658 168226 171699 178525
178017 175646 164907 173272 178015 165584 168733 181524
181525 179309 179310

PATENT SEALED ON 16-07-99

172213 175359 176925 179810*D 179973 180744 181366*D
181567* 181601 181602* 181605 181606* 181607*D 181608
181609 181610 181611 181612 181614 181615* 181617*
181619 181620 181621 181622* 181626*D 181627*
181628*D 181629*F 181630*D

CAL-09, DEL-04, MUM-09, CHEN-08.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 177176. Deepak Confectionery Works, Indian Proprietary firm of Shop No. 40, Gandhi Bazar, Chembur Colony, Mumbai-400 074, Maharashtra, India. "Container". August 18, 1998.

Class 1. No. 177669. Magppie Exports, Indian Firm, PD-4B, Pitampura, Delhi-34, India. "Bowl made of Stainless Steel". October 8, 1998.

Class 3. No. 177266. Simla Chemicals Pvt. Ltd., Indian Co., of A-76, Phase-J, Naraina Industrial Area, New Delhi-110 028, India. "BOTTLE". August 25, 1998.

Class 3. No. 177392. Corporate Media Partuers d/b/a Americast of 10880 Wilshire Boulevard, Los Angeles, California 90024, U.S.A. "Threesided Remote Control". September 11, 1998.

Class 3. No. 177427. Donaldson Company Inc., 1400 West 94th Street, P.O. Box 1299, Minneapolis, Minnesota-55440-1299, U.S.A. "Filter Element". Sept. 21, 1998.

Class 3. No. 177492. Domino's Pizza India Ltd. of 19th flr., Ambadcep Bldg., 14 K. G. Marg, New Delhi-110 001, India. "Box Capable of being fitted with two wheelers". September 28, 1998.

Class 3. No. 177637. Joshi Plastic Industries, Indian Partnership Firm. Joshi Building, Saki Vihar Road, Mumbai-400 072, Maharashtra, India. "Tooth Brush". October 6, 1998.

Class 3. No. 177663. Mahesh Shama Shetty of Gala No. 7, Filter Pada, Sher Bahadur, Khan Estate, Pathan Wadi, Powai, Mumbai-400 087, Maharashtra, India. "Body for mixture". October 8, 1998.

Class 4. No. 177308. International Distillers (I) Ltd., Block 2D, No. 71, Phoenix Mills Complex, 4662, Senapati Bapat Marg, Lower Parel, Bombay-400 013, India, Indian Company. "Bottle". August 28, 1998.

A. E. AHMED

Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मूद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1999

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